



Atlantic Richfield Company
(a BP affiliated company)



P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

December 16, 2005

Re: ARCO Service Station # 2145
860 West Fremont Avenue
Sunnyvale, CA
Well Destruction Report

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple
Environmental Business Manager



December 16, 2005

Mr. Mamerto Jorvina
Santa Clara County Env. Health
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716

**Re: Well Destruction Report
ARCO Service Station #2145
860 West Fremont Avenue
Sunnyvale, California
SCVWD ID No.: 07S2W02K01f**

Dear Mr. Jorvina:

At the request of Remediation Management (RM - a BP affiliated company), URS Corporation (URS) has prepared this *Well Destruction Report* for the ARCO Service Station #2145 located at 860 West Fremont Avenue in Sunnyvale, California (the Site, Figure 1). The scope of work consisted of destroying the three on-Site groundwater monitoring wells (MW-1, MW-2, and MW-3) for RM. Currently, no groundwater monitoring wells associated with the Site remain on-Site. Two leak detection monitoring probes (LDMP) were not destroyed and remain on-Site. Figure 1 shows the locations of the wells.

SITE DESCRIPTION

The Site is located at 860 West Fremont Avenue, Sunnyvale, California. Currently, the site operates as a retail ARCO gasoline service station. The Site is bound by Warner Avenue to the east, West Fremont Avenue to the north, and commercial buildings to the south and west. The majority of the property is concrete and asphalt paved. Current site structures include a station building, three underground storage tanks (USTs), two pump islands, and associated product piping. The existing Site layout is shown on Figure 1. The Site received case closure from the Santa Clara County Department of Environmental Health (CSCDEH) on January 17, 1992.

Well Destruction Activities

URS personnel supervised a California licensed-driller destroy groundwater monitoring wells MW-1 through MW-3 by pressure grouting the well casing. Well destruction activity details are presented below.

Personnel Present:

URS Geologist John McCain (California Professional Geologist, No. 8020) and Kirk Martin.

Permits:

Santa Clara Valley Water District (SCVWD) Permit # 05D00663 (MW-1), 05D00664 (MW-2), and 05D00665 (MW-3).

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268


Mr. Mamerto Jorvina
Page 2 of 2
December 16, 2005

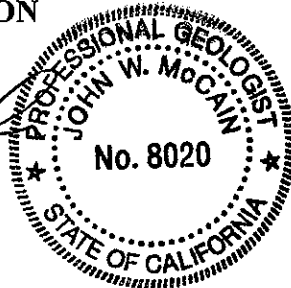
Drilling Company: Gregg Drilling of Martinez, California (C-57 License # 485165).
Date of Destruction: October 19, 2005.
Number of Wells: Three monitoring wells (MW-1, MW-2, and MW-3).
Destruction Method: Wells were pressure grouted using a neat cement mixture according to SCVWD well destruction guidelines.
Destruction Notes: Three wells were pressure grouted from the bottom to the ground surface using a Tremie pipe applying 25 pound per square inch of pressure for five minutes each. Copies of the Department of Water Resources (DWR) well completion reports are included in Attachment B.
Soil and Water Handling: There were no soil cuttings or rinsate water produced during the destruction activities.

We appreciate the opportunity to present this *Well Destruction Report* to the CSCDEH on behalf of RM and trust that this document meets with your approval. Please do not hesitate to contact us at (510) 893-3600 with any questions or comments.

Sincerely,

URS CORPORATION


John McCain, P.G.
Project Manager

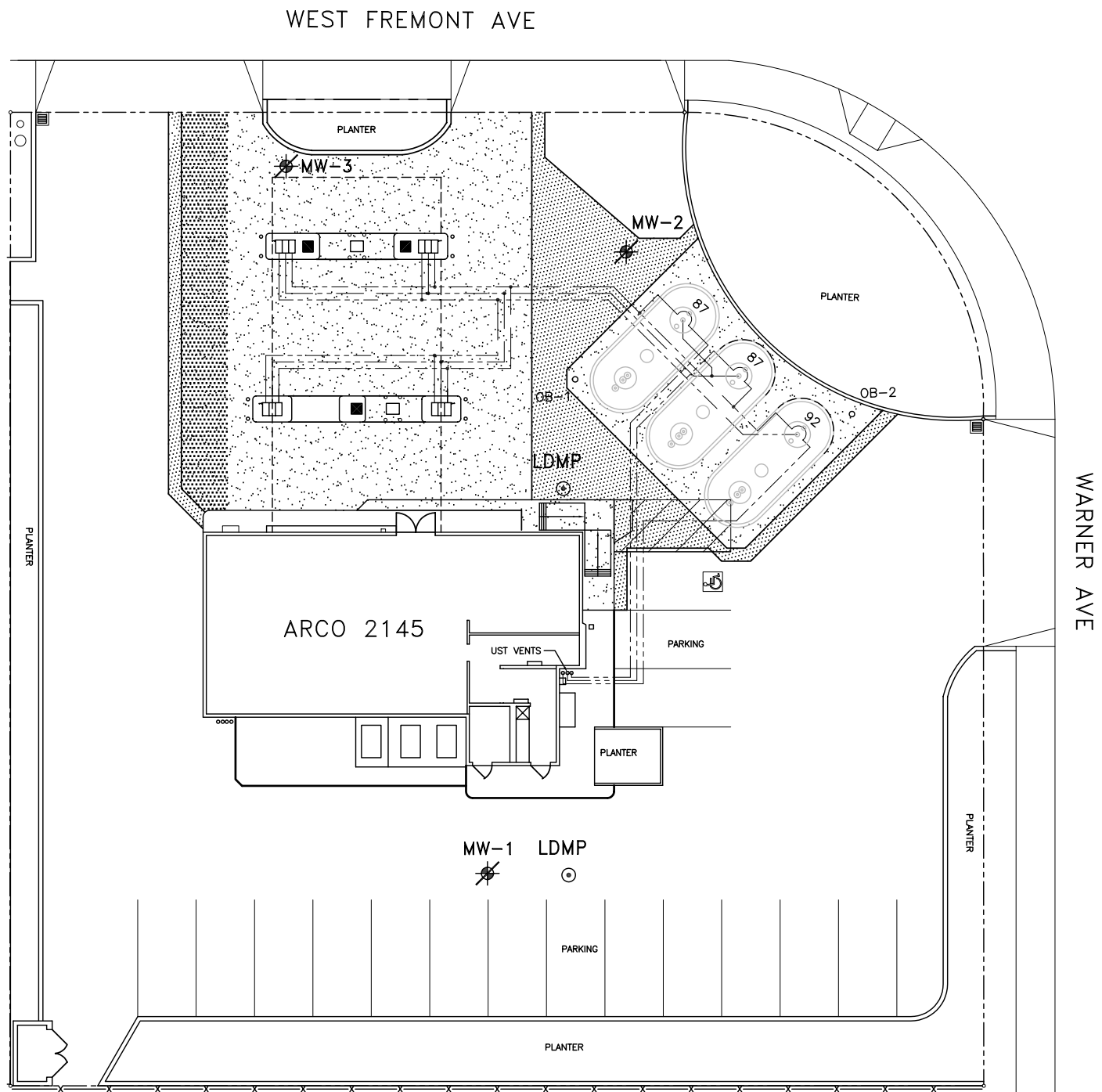


Attachments:

Figure 1	Site Map
Table 1	Well Construction and Destruction Details
Attachment A	SCVWD Well Destruction Permits
Attachment B	DWR Well Completion Reports (original copy submitted to SCVWD Wells Division)

cc: Mr. Paul Supple, RM (electronic copy uploaded to ENFOS)

Dec 22, 2005 - 9:16am
 X:\x_env\waste\BP_GEM\Sites\Lynelle Drishi - SCVWD ARCO Sites\2005 Well Destructions\2145\Well Destruction Report\SITE MAP.dwg



LEGEND

MW-1

LDMP

DESTROYED GROUNDWATER MONITORING WELL LOCATIONS

LEAK DETECTION MONITORING PROBE (LDMP) LOCATION

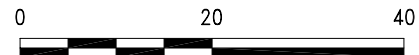
--- PROPERTY LINE

— UNDERGROUND TANKS

NOTE: SITE MAP ADAPTED FROM SECOR INTERNATIONAL FIGURES.
 SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



NORTH



SCALE IN FEET

URS

Project No. 38487380
Arco Service Station #2145
860 West Fremont Avenue
Sunnyvale, California

SITE MAP

FIGURE
1

Summary of Well Construction and Destruction Details

ARCO Station #2145
860 West Fremont Avenue, Sunnyvale, CA
Well Destruction Details

Well ID	Well Type	Well Diameter (inches)	Screened Interval (feet bgs)	Depth to Bottom of Boring (feet bgs)	Well Destruction Method
MW-1	Monitoring	4	90 - 110	110.00	Pressure Grout
MW-2	Monitoring	4	90 - 109	109.00	Pressure Grout
MW-3	Monitoring	4	90 - 109	109.00	Pressure Grout

Notes:

bgs = Below ground surface

Attachment A
SCVWD Well Destruction Permits



WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D 00663

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station # 2145
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 860 W. Fremont Ave. (aka Warner)
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Sunnyvale, CA 94087
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 323 Page: 01 Parcel: 001
Consultant: URS Corporation	Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800	Address: 950 Howe Road	
City, State, Zip: Oakland, CA 94612	City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain	Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.	<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 07502W02K004	Owner/Consultant Well No.: MW-1	Original Well Construction Permit No.: 01W00930
Well Casing Depth: 109.50 ft bgs	Total Boring Depth: 110 ft bgs	Well Casing Diameter: 4 inches

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

Site Code No. 34A

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
Well Description:		
<input type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Well	<input type="checkbox"/> Pit Well
Well Type: check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input checked="" type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

Additional Questions For Water Producing Wells

Does the well have:	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Type of Original Drilling Method:

<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input checked="" type="checkbox"/> Hollow Stem Auger	<input type="checkbox"/> Other: _____
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IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal. Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120. Please allow 10 working days to process permit application.

SEP 14 2005

S.C.V.W.D.

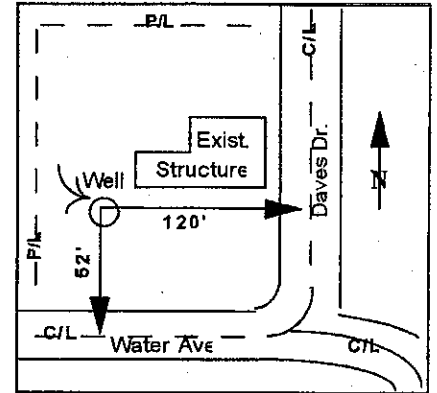
Site Plan

WELL LOCATION

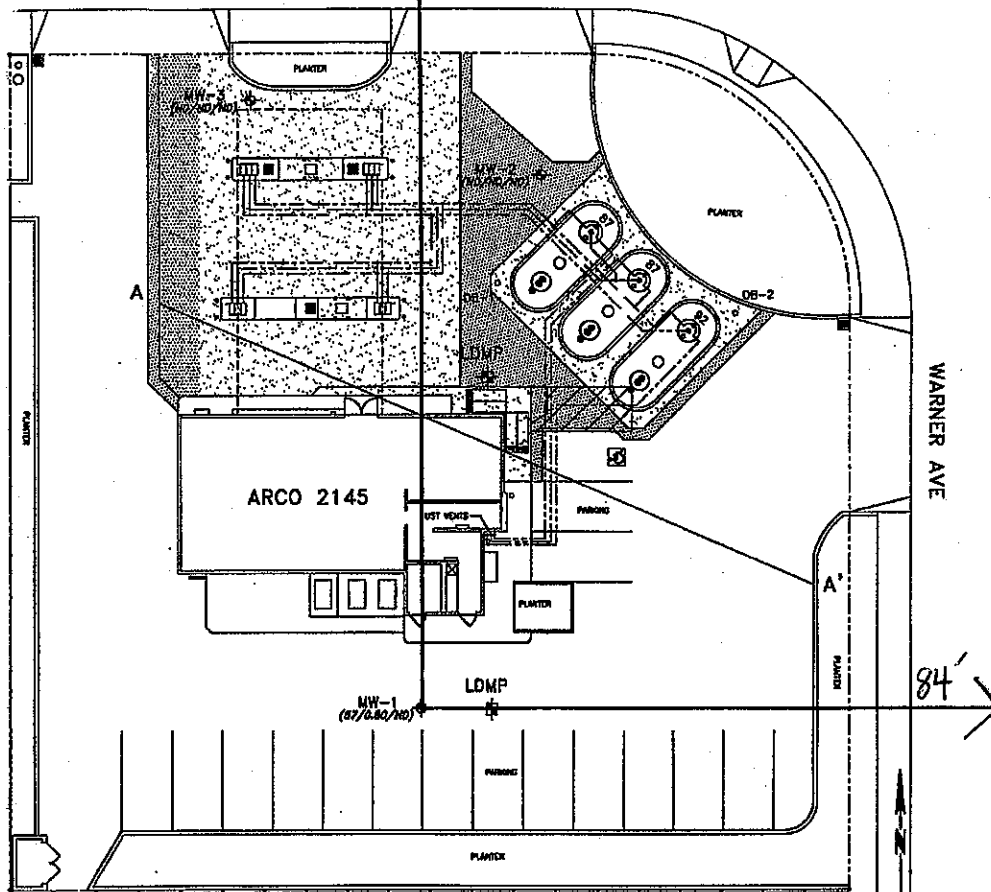
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →

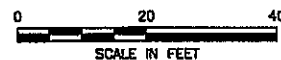


Sketch well location as described above: WEST FREMONT AVE



LEGEND

- | | | | |
|------|--------------------------------------|------|--------------------------------|
| LDMP | LEAK DETECTION MONITORING PROBE | --- | PROPERTY LINE |
| MW-1 | GROUNDWATER MONITORING WELL LOCATION | --- | UNDERGROUND TANKS |
| OB-1 | UST CAVITY OBSERVATION WELL | A—A' | LINE OF GEOLOGIC CROSS-SECTION |



Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

*Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jeremy Quick / URS for Atlantic Richfield Co	Date: 9-13-05
Signature of Driller/Agent: 	Print Name: Jeremy Quick / URS for Gregg Drilling	Date: 9-13-05
Signature of Consultant (if any): 	Print Name: Jeremy Quick / URS	Date: 9-13-05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 110 feet, with a minimum bore of 10 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By:		Date: 9-27-05	
District Permit No.: 05D00663	Date Issued: 9-28-05	Expiration Date: 3-28-06	Driller's Log No.: 030299

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

WELL CONSTRUCTION/COMPLETION NOTICE

FCE 158A (08-14-98)

Inspector: <u>Thiemann</u>		Date of Inspection: <u>8/17/01</u>	Permit: <u>01W00930</u>
Owner/Consultant Well No.: <u>MW-1</u>		Well Registration No.: <u>07502W02K004</u>	
Well Owner: <u>Atlantic Richfield Co</u>	Address of Well Site: <u>860 Warner Av</u>		City/County: <u>Sunnyvale</u>
Drilling Company: <u>Woodward</u>	Consultant: <u>SECOR</u>		
Cond. Bore: <u>0</u>	Conductor Depth: <u>0</u>	Conductor Diameter & Material: <u>0</u>	
TD: <u>110</u>	BOC: <u>110</u>	Boring Diameter: <u>10"</u>	Blank Casing Diameter & Material: <u>4" PVC</u>
Filter Pack Material: <u>#3</u>	Filter Pack Interval(s): <u>188</u>	Bent: <u>88-86</u>	Screen Diameter, Material, & Size: <u>4" PVC 020</u>
Sealing Material: <input checked="" type="checkbox"/> Neat Cement		<input type="checkbox"/> 10 Sack Sand Slurry	
<input type="checkbox"/> Bentonite		<input type="checkbox"/> Other (See Comments)	
Drilling Method: <input checked="" type="checkbox"/> HSA		<input type="checkbox"/> Mud rotary	
<input type="checkbox"/> Direct Push		<input type="checkbox"/> Air Rotary	
Well Type: <input checked="" type="checkbox"/> GW Monitoring			
<input type="checkbox"/> GW Extraction			
<input type="checkbox"/> Vadose Monitoring			
<input type="checkbox"/> Vadose Extraction			
<input type="checkbox"/> Cathodic			
<input type="checkbox"/> Domestic			
<input type="checkbox"/> Agricultural			
<input type="checkbox"/> Municipal/Industrial			
<input type="checkbox"/> Elevator			
<input type="checkbox"/> Other (See Comments)			
Well constructed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)			
Well Location: <u>145 ft. N of Fremont</u> ft. EW: <u>108</u> <u>W/O Warner</u>			
GPS Coordinates: Lat: <u>37 21 05.99 N</u> Long: <u>122 02 55.83 W</u>			
Comments:			

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLD-NENROD-Permittee

ORIGINAL
File with DWR
Page 1 of 6

Owner's Well No. MW-1

Date Work Began 8/16/01 Ended 8/16/01

Local Permit Agency S.C. V.W.O.

Permit No. DW000930 Permit Date 8/16/01

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 772260

DWR USE ONLY - DO NOT FILL IN

075102W02K1003

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (±) ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE 180°

DEPTH FROM SURFACE

FL. TO FL.

DRILLING METHOD **HOLLOW STEM MUD**

DESCRIPTION

Describe material, grain size, color, etc.

See attached boring log

TOTAL DEPTH OF BORING 110 Feet

TOTAL DEPTH OF COMPLETED WELL 110 Feet

WELL OWNER

Name **ATLANTIC RICHFIELD COMPANY**

Mailing Address **P.O. BOX 6549**

MORAGA CA **94575**

CITY STATE ZIP

WELL LOCATION

Address **860 WEST FREEMONT AVE. (AKA 860 WARREN)**

City **SUNNYVALE**

County **SANTA CLARA**

APN Book **322** Page **01** Parcel **001**

Township Range Section

Latitude Longitude

LOCATION SKETCH

NORTH

See attached map.

ACTIVITY (±)

☒ NEW WELL

MODIFICATION/REPAIR

☐ Deepen

☐ Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (±)

WATER SUPPLY

☐ Domestic ☐ Public

☐ Irrigation ☐ Industrial

MONITORING ☒

TEST WELL

CATHODIC PROTECTION

HEAT EXCHANGE

DIRECT PUSH

INJECTION

VAPOR EXTRACTION

SPARGING

REMEDIATION

OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 100 (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL 100.46 (FL) & DATE MEASURED

ESTIMATED YIELD (GPM) & TEST TYPE

TEST LENGTH (Hrs.) TOTAL DRAWDOWN (FL)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING (S)				
		TYPE (±)			MATERIAL GRADE	INTERNAL DIAMETER (Inches)
FL. TO FL.		BLANK	SCREEN	CON. LACIOL. FILL TYPE		
0 TO 10	10	✓			PVC	4
10 TO 110	10	✓			PVC	4
						0.020

DEPTH FROM SURFACE	ANNULAR MATERIAL			
	TYPE			
FL. TO FL.	CE-MENT (±)	BEN-TONITE (±)	FILL (±)	FILTER PACK (TYPE/SIZE)
0 TO 86	✓			
86 TO 88		✓		
88 TO 110			✓	#3 SAND

ATTACHMENTS (±)

☒ Geologic Log

☒ Well Construction Diagram

☐ Geophysical Log(s)

☒ Soil/Water Chemical Analysis

☒ Other **SITE PLAN**

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME **SECK INTERNATIONAL**

PERSON, FIRM, OR CORPORATION (TYPE OR PRINTED)

ADDRESS **2301 VEGHORN ST. MOUNTAIN VIEW** CITY **CA** STATE **94043**

Signature **Amelia Ornelas for Woodward** DATE SIGNED **9/24/01** STATE **710079**

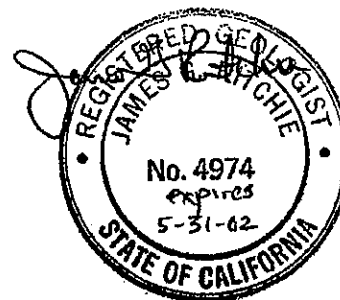
DATE SIGNED 5-57 LICENSE NUMBER

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-1										
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER										
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON										
		CLIENT: ARCO 2145		BORING DIAMETER: 10"										
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'										
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40										
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT												
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND												
WELL/BORING COMPLETION	✓ FIRST	✓ STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 100' 100.46'	TIME: 800 -	DATE: 8/17/01 8/23/01
												DESCRIPTION/LOGGED BY: A. STANFILL		
<div style="background-image: linear-gradient(to right, black 1px, transparent 1px); background-size: 10px 10px; height: 100%;"></div>									1		Asphalt.			
									2		FILL			
									3		ML			
									4					
									5					
				64					6		SW			
									7					
				37					8					
									9					
				19					10					
									11					
				42			MW-1012'		12		SM			
									13					
				27	0				14					
				50					15					
				50/6"					16					
									17		SM			
									18					
									19		SM			
									20					
									21		GM			
				50			MW-1021.5'		22					
									23					
				71/9"					24					
									25					
				41					26					
									27		SM			
				28					28					
									29					
									30		ML			

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-1											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT													
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 100' 100.46'	TIME: 800 -	DATE: 8/17/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
				21					31		ML				
				27	0				32		SM				YELLOWISH BROWN (10YR 5/6) SILTY SAND (SM); fine-grained sand poorly grades, medium dense, moist (0,75,25,0).
				51					34		SW				DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); with silt, coarse gravel, fine to coarse-grained sand, very dense, moist, (20,70,10,0).
				76	0				36		ML				YELLOWISH BROWN (10YR 5/6) CLAYEY SILT (ML); with coarse gravel and coarse-grained sand, hard, moist (10,10,60,20).
				74	0				37						
				54	0				38						
				76	0				39						
				96	0				40						
				22					41						
				34					42						
				68					43						
				85					44						
				91					45						
				79					46						
				41					47						
									48			SM			DARK YELLOWISH BROWN (10YR 4/4) SILTY SAND (SM); with fine gravel, trace clay, and fine-grained sand, medium dense, moist, iron oxidation (10,70,15,5).
									49			ML			YELLOWISH BROWN (10YR 5/4) CLAYEY SILT (ML); with fine-grained sand, trace coarse gravel, hard, moist, (5,10,80,25).
									50						
									51						
									52						
								53							
								54							
								55							
								56							
								57							
								58							
								59							
								60			SM				

WELL/BORING LOCATION MAP				SECOR International Incorporated				WELL/BORING: MW-1				
				DATE: 8/16/01				DRILLING METHOD: HOLLOW STEM AUGER				
				PROJECT #: 006.03924				SAMPLE METHOD: CA SPLIT SPOON				
				CLIENT: ARCO 2145				BORING DIAMETER: 10"				
				LOCATION: 860 WEST FREEMONT AVE.				BORING DEPTH: 110'				
				CITY: SUNNYVALE				WELL CASING: 4" SCH 40				
				CO./STATE: SANTA CLARA COUNTY, CA				WELL SCREEN: 4" SCH 40 0.020 SLOT				
				DRILLER: WOODWARD DRILLING, BK81				SAND PACK: #3 SAND				
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 100' 100.46'
				58					61		SM	TIME: 800 -
				31	0				62			DATE: 8/17/01 8/23/01
				20					63			DESCRIPTION/LOGGED BY: A. STANFILL
									64			
									65			
				80	0				66		SM	Grades with increasing silt and clay (5,55,30,10).
									67			
				96					68		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); with silt, trace clay, fine to coarse-grained gravel and fine-to coarse-grained sand, very dense, moist, (20,65,10,5).
					0				69		SM	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); with fine grained sand, very dense, moist, (0,75,20,5).
				39	0				70		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); with silt, trace clay, fine to coarse-grained gravel and sand, dense, moist (15,55,20,10).
									71			
				47	0				72			
									73			
				90	0				74		ML	DARK YELLOWISH BROWN (10YR 4/6) SANDY SILT (ML); trace clay, hard, moist.
									75			
				50					76			
									77		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); trace silt, fine-grained gravel and fine-grained sand, very dense, moist (20,75,5,0).
				88					78			
									79			
				97					80			
									81			
				88					82			
									83			
				89					84			
									85			
				45		MW-1004.5			86			
									87			
				50					88		SM	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); trace clay, fine gravel, fine-grained sand, dense, moist, (5,65,25,5).
									89			Grades from moist to wet.
									90			

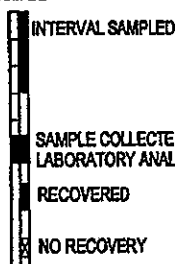
WELL/BORING LOCATION MAP		SECOR International Incorporated		WELL/BORING: MW-1													
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WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 100'	100.46'	TIME: 800	DATE: 8/17/01	8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
				46					91		SM						
				38					92								
				50/5"	0	MW-1094'			93								
				50/5"	0				94		SP						DARK YELLOWISH BROWN (10YR 4/4) SAND (SP); trace silt, fine to medium-grained sand, with coarse-grained sand, very dense, moist (0.95,5.0).
				50/5"	0				95								
				50/5"	0				96		SM						Grades to fine grained sand, with silt, trace clay (0.80,15.5).
				50/4"	0				97								
				50/4"	0				98		SP						Grades to medium grained sand, with fine-grained sand and gravel, very dense, wet (25,70,5.0).
				50/5.5"	0				99								
				50/5.5"	0				100		SW						DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); fine sub rounded gravel and fine-grained sand, trace silt, very dense, wet (40,55,5.0).
				50/5.5"	0				101								
				50/5.5"	0				102								
				50/4"	0				103								
				50/4"	0				104								Grades to DARK BROWN (7.5YR 3/2) medium-grained sand (40,55,5.0).
				50/5"	0				105								
				50/5"	0				106		GP						DARK BROWN (7.5YR 3/2) SANDY GRAVEL (GP); trace silt, medium-grained sand, and fine to coarse sub rounded gravel, little fine and coarse-grained sand, very dense, wet (55,40,5.0).
				30	0				107								
				50/5"	0				108								
									109								
									110								
								111									
								112									
								113									
								114									
								115									
								116									
								117									
								118									
								119									
								120									



SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS		
			GRAPH	LETTER			
COARSE-GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES		
		(LITTLE OR NO FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES		
		GRAVELS WITH FINES		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES		
		(APPRECIABLE AMOUNT OF FINES)		GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES		
	SAND AND SANDY SOILS	CLEAN SANDS		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES		
		(LITTLE OR NO FINES)		SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES		
		SANDS WITH FINES		SM	SILTY SANDS, SAND - SILT MIXTURES		
		(APPRECIABLE AMOUNT OF FINES)		SC	CLAYEY SANDS, SAND - CLAY MIXTURES		
FINE-GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY		
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS		
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY		
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS		
				CH	INORGANIC CLAYS OF HIGH PLASTICITY		
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS		
			HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

SAMPLE



INITIAL WATER LEVEL
AT TIME OF DRILLING



STABILIZED WATER
LEVEL ON DATE NOTED



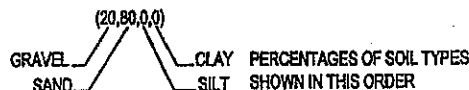
LITHOLOGIC CONTACT



INFERRED CONTACT

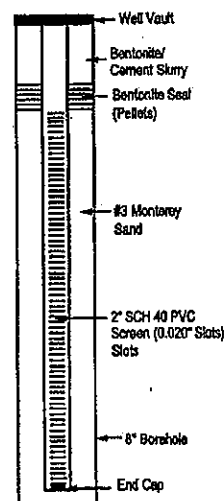


GRADATIONAL CONTACT



NOTE: SOIL CONDITIONS INDICATED BY BORING LOGS APPLY AT THE LOCATION OF THE PARTICULAR BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THE BORING LOCATION WITH THE PASSAGE OF TIME. DATA PRESENTED IN THE LOGS REPRESENTS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. SOIL CONDITIONS INDICATED BETWEEN SAMPLE INTERVALS ARE INFERRED.

WELL CONSTRUCTION



UNIFIED SOIL CLASSIFICATION, BORING LOG, AND WELL CONSTRUCTION SYMBOLS

SECOR
International Incorporated



860 W. Fremont Ave



APN: 32301001
860 Warner Ave
Sunnyvale CA
94087

Well Annotations- 3 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	07S02W02K004	01W00930	MW-1	Other-Active	6111470	1954286
2	07S02W02K005	01W00931	MW-2	Other-Active	6111534	1954362
3	07S02W02K006	01W00932	MW-3	Other-Active	6111455	1954365

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

25 0 25 50 Feet



WELL DESTRUCTION APPLICATION

FC 198w (12-16-02)

Page 1 of 4

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00664

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station # 2145
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 860 W. Fremont Ave. (aka Warner)
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Sunnyvale, CA 94087
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 323 Page: 01 Parcel: 001
Consultant: URS Corporation	Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800	Address: 950 Howe Road	
City, State, Zip: Oakland, CA 94612	City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain	Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.	<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 07502602K005	Owner/Consultant Well No.: MW-2	Original Well Construction Permit No.: 01W00931
Well Casing Depth: 108.90 ft bgs	Total Boring Depth: 109 ft bgs	Well Casing Diameter: 4 inches

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s):

Site Code No. 34A

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
Well Description:		
<input type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Wall	<input type="checkbox"/> Pit Well
Well Type: check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input checked="" type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

Additional Questions For Water Producing Wells

Does the well have:	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Type of Original Drilling Method:

<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input checked="" type="checkbox"/> Hollow Stem Auger	<input type="checkbox"/> Other:
---------------------------------	-------------------------------------	--	---	---------------------------------

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 14 2005

SCVWD

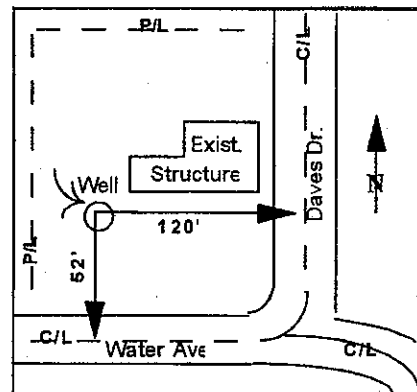
Site Plan

WELL LOCATION

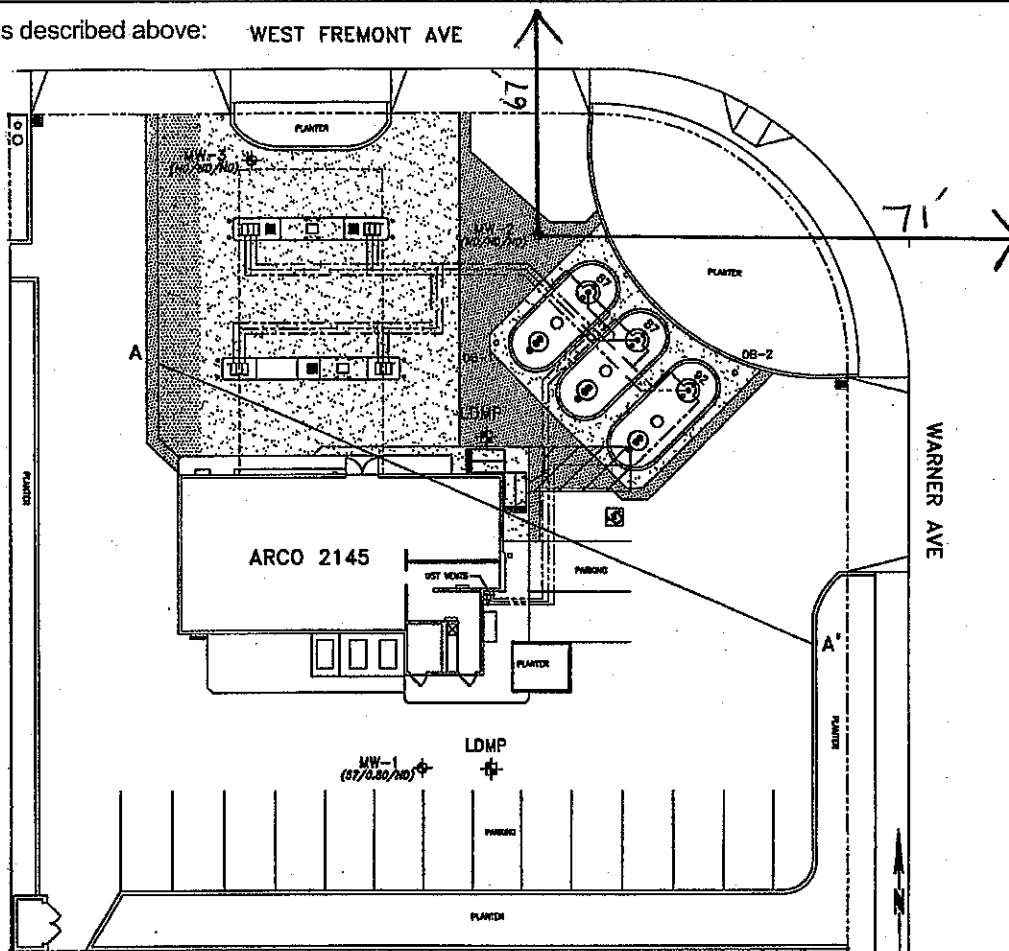
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



LEGEND

- | | | | |
|------|--------------------------------------|------|--------------------------------|
| LDMP | LEAK DETECTION MONITORING PROBE | --- | PROPERTY LINE |
| MW-1 | GROUNDWATER MONITORING WELL LOCATION | --- | UNDERGROUND TANKS |
| OB-1 | UST CAVITY OBSERVATION WELL | A—A' | LINE OF GEOLOGIC CROSS-SECTION |

0 20 40
SCALE IN FEET

Please allow 10 working days to process this application.



Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jeremy Quick / URS for Atlantic Richfield Co	Date: 9-13-05
Signature of Driller/Agent: 	Print Name: Jeremy Quick / URS for Gregg Drilling	Date: 9-13-05
Signature of Consultant (if any): 	Print Name: Jeremy Quick / URS	Date: 9-13-05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 109 feet, with a minimum bore of 10 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (If total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By: 	Date: 9-28-05
District Permit No.: 05D00664	Date Issued: 9-28-05
Expiration Date: 3-28-06	Driller's Log No.: 030300

Please allow 10 working days to process this application.

**GENERAL CONDITIONS**

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

WELL CONSTRUCTION/COMPLETION NOTICE

FCE 158A (08-14-98)

Inspector: <u>Thiemann</u>		Date of Inspection: <u>8/17/01</u>		Permit: <u>01W00931</u>	
Owner/Consultant Well No.: <u>MW-2</u>		Well Registration No.: <u>07S02W02K005</u>			
Well Owner: <u>Atlantic Richfield Co</u>		Address of Well Site: <u>860 Warner Av</u>		City or County: <u>Sunnyvale</u>	
Drilling Company: <u>Woodward</u>		Consultant: <u>SECOR</u>		<u>MV</u>	
Cond. Bore: <u>0</u>	Conductor Depth: <u>0</u>	Conductor Diameter & Material: <u>0</u>			
TD: <u>109</u>	BOC: <u>109</u>	Boring Diameter: <u>10"</u>	Blank Casing Diameter & Material: <u>4" PVC</u>		
Filter Pack Material: <u>#3</u>	Filter Pack Interval(s): <u>TP 87-85</u>	Screen Diameter, Material, & Size: <u>4" PVC 020</u>	Screen Interval(s): <u>109-89</u>		
Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite		<input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Other (See Comments)		Drilling Method: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Mud rotary <input type="checkbox"/> Other (See Comments)	
				<input type="checkbox"/> Direct Push <input type="checkbox"/> Air Rotary	
Well Type: <input checked="" type="checkbox"/> GW Monitoring <input type="checkbox"/> GW Extraction <input type="checkbox"/> Vadose Monitoring <input type="checkbox"/> Vadose Extraction <input type="checkbox"/> Cathodic					
<input type="checkbox"/> Domestic <input type="checkbox"/> Agricultural <input type="checkbox"/> Municipal/Industrial <input type="checkbox"/> Elevator <input type="checkbox"/> Other (See Comments)					
Well constructed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)					
Well Location: <u>78</u> ft. NS <u>Fremont</u> ft. EW: <u>84</u> W/O <u>Warner</u>					
GPS Coordinates: Lat: <u>37.21 07.05N</u> Long: <u>122 02 55.57 W</u>					
Comments:					

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDNENROD-Permittee

ORIGINAL
File with DWR

Page 1 of 6

Owner's Well No. MW-2

Date Work Began 8/16/01

Local Permit Agency S.C.V.W.D.

Permit No. 01W000931

Permit Date 8/16/01

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 772261

DWR USE ONLY - DO NOT FILL IN

07502W02K1005
STATE WELL NO./STATION NO.
LATITUDE _____ LONGITUDE _____
APN/TRS/OTHER _____

ORIENTATION () ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE _____ (SPECIFY) _____
DEPTH FROM SURFACE _____
FL TO FL _____
DRILLING METHOD POWDER STEAM AUGER
DESCRIPTION _____
Describe material, grain size, color, etc.

See attached boring log.

TOTAL DEPTH OF BORING 109 Feet
TOTAL DEPTH OF COMPLETED WELL 109 Feet

WELL OWNER
Name ATLANTIC RICHFIELD COMPANY
Mailing Address P.O. BOX 6549
CITY MORAGA STATE CA ZIP 94553
Address 800 W. FREEMONT AVE. (AKA EXD WARENE AVE)
City SHANNYVALE
County SANTA CLARA
APN Book 323 Page 01 Parcel 001
Township _____ Range _____ Section _____
Latitude _____ NORTH Longitude _____ WEST

LOCATION SKETCH
NORTH
See attached map.

ACTIVITY ()
☒ NEW WELL
MODIFICATION/REPAIR
_____ Deepen
_____ Other (Specify) _____
DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
PLANNED USES ()
WATER SUPPLY
_____ Domestic _____ Public
_____ Irrigation _____ Industrial
MONITORING ☒
TEST WELL _____
CATHODIC PROTECTION _____
HEAT EXCHANGE _____
DIRECT PUSH _____
INJECTION _____
VAPOR EXTRACTION _____
SPARGING _____
REMEDICATION _____
OTHER (SPECIFY) _____

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER 98.5 (FL) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 98.33 (FL) & DATE MEASURED _____
ESTIMATED YIELD _____ (GPM) & TEST TYPE _____
TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (FL)
* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE FL TO FL	BORE-HOLE DIA. (Inches)	CASING (S)					SLOT SIZE IF ANY (Inches)	DEPTH FROM SURFACE FL TO FL	ANNULAR MATERIAL TYPE			
		TYPE ()	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS				CE- MENT ()	BEN- TONITE ()	FILL ()	FILTER PACK (TYPE/SIZE)
0 : 90	10	<input checked="" type="checkbox"/>	PVC	4	40			0 : 85	<input checked="" type="checkbox"/>			
90 : 109	10	<input checked="" type="checkbox"/>	PVC	4	40		0-020	85 : 87		<input checked="" type="checkbox"/>		
								87 : 109			<input checked="" type="checkbox"/>	#3 SAND

ATTACHMENTS ()
☒ Geologic Log
☒ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☒ Other SITE PLAN
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME SECOR INTERNATIONAL
PERSON, FIRM, OR CORPORATION (TYPE OR PRINTED)
ADDRESS 2201 WEBBORN ST. MOUNTAIN VIEW CA 94043
Signature Chandra Chatterjee DATE SIGNED 9/24/01 STATE CA ZIP 91007
WELL DRILLER/AUTHORIZED REPRESENTATIVE

DWR 158 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-2																
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER																
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON																
		CLIENT: ARCO 2145		BORING DIAMETER: 10"																
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 109'																
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40																
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT																		
DRILLER: WOODWARD DRILLING, BKB1		SAND PACK: #3 SAND																		
WELL/BORING COMPLETION	1st	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 98.5' 98.33'	TIME: 1435 -	DATE: 8/16/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <div style="background-image: linear-gradient(to right, black 1px, transparent 1px); background-size: 10px 10px; height: 100%;"></div> </div> <div style="width: 5%; text-align: center;"> <div style="background-image: linear-gradient(to right, black 1px, transparent 1px); background-size: 10px 10px; height: 100%;"></div> </div> </div>									1		ML				Aphalt.					
									2							FILL				
										3						ML	DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML) with fine-grained sand, soft moist (0,30,70,0).			
									4											
									5								Grades BROWN (10YR 4/3) SANDY SILT (ML); fine-grained sand, trace clay, hard, damp (0,35,60,5).			
									6								Grades very stiff.			
									7											
										8							SM	Grades stiff.		
									9											
									10									BROWN (10YR 4/3) SAND (SM); fine-grained sand, with silt, trace clay, medium dense, damp (0,80,15,5).		
										11								ML		
									12											
									13										DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML); fine-grained sand, trace medium- to coarse-grained sand, clay and fine to coarse subangular gravel, very stiff, moist (7,28,60,5).	
										14								SW		
									15											
									16										BROWN (10YR 4/3) GRAVELLY SAND (SW); fine- to coarse-grained sand, with fine subangular gravel, trace silt, dense to very dense, damp (20,75,5,0).	
										17										
									18											
									19											Grades DARK BROWN (7.5YR 3/2).
										20										
									21											
									22											
										23										
									24											
									25											
										26										
									27											
									28											DARK YELLOWISH BROWN (10YR 4/4) SILTY SAND (SM); fine-grained sand, trace clay, dense to very dense, damp (0,60,35,5).
										29										
									30											

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-2											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 109'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT													
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 98.5' 98.33'	TIME: 1435 -	DATE: 8/16/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
				50/5"	0				31		SM				
					0				32		SW				
									33						
				70	0				34		SM				
				43	0				35						
									36						
				43	0				37						
				45	0				38						
									39		SM				
				50/4"	0				40						
				50/5.5"	0				41						
									42						
				40	0				43						
									44						
				34	0				45		SM				
				38	0				46						
				80/11"	0				47						
				50/5"	0				48						
			50/5.5"	0				49							
			50/5.5"	0				50							
			50/5.5"	0				51							
								52		SW					
								53							
								54							
								55							
								56							
								57							
								58							
								59							
								60							

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-2									
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER									
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON									
		CLIENT: ARCO 2145		BORING DIAMETER: 10"									
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 109'									
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40									
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT											
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND											
WELL/BORING COMPLETION	FIRST STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USCS SYMBOL	WATER LEVEL:	98.5'	98.33'
											TIME:	1435	-
											DATE:	8/16/01	8/23/01
DESCRIPTION/LOGGED BY: A. STANFILL													
			85/10"	0				61		SW	DARK BROWN (10YR 3/3) GRAVELLY SAND (SW); fine- to medium-grained sand, fine sub rounded gravel, trace coarse-grained sand, trace silt, very dense, damp (40,55,5,0).		
			50/5.5"	0				62			Grades with fine-grained sand, trace medium-grained sand.		
			80/5"	0				63			Grades DARK YELLOWISH BROWN (10YR 3/4).		
			85/11"	0				64					
			50/5.5"	0				65					
			80/10"	0				66		SP	DARK YELLOWISH BROWN (10YR 4/4) SAND (SP); fine to medium-grained sand, little coarse-grained sand, little fine sub rounded gravel, trace silt, very dense, damp (20,75,5,0).		
			50/5.5"	0				67					
			30/5"	0				68		SW	DARK YELLOWISH BROWN (10YR 3/4) GRAVELLY SAND (SW); fine to coarse-grained sand, fine sub rounded gravel, trace silt, very dense, damp (30,55,5,0).		
			50/4"	0				69			Grades DARK GRAYISH BROWN (10YR 4/2); coarse subrounded gravel (35,60,5,0).		
			85/10"	0				70			Grades DARK YELLOWISH BROWN (10YR 3/4).		
			50/2"	0				71					
			50/5"	0				72			Grades with fine sub angular gravel.		
			50/4"	1				73					
			50/4"	1				74					
			62	0				75		SM	DARK YELLOWISH BROWN (10YR 3/6) SILTY SAND (SM); fine-grained sand, with medium- to coarse-grained sand, trace fine sub rounded gravel, trace clay, very dense, moist (5,60,30,5).		
								76					
								77					
								78					
								79					
								80					
								81					
								82					
								83					
								84					
								85					
								86					
								87					
								88					
								89					
								90					

WELL/BORING LOCATION MAP				SECOR <small>International Incorporated</small>				WELL/BORING: MW-2				
				DATE: 8/16/01				DRILLING METHOD: HOLLOW STEM AUGER				
				PROJECT #: 006.03924				SAMPLE METHOD: CA SPLIT SPOON				
				CLIENT: ARCO 2145				BORING DIAMETER: 10"				
				LOCATION: 860 WEST FREEMONT AVE.				BORING DEPTH: 109'				
				CITY: SUNNYVALE				WELL CASING: 4" SCH 40				
				CO./STATE: SANTA CLARA COUNTY, CA				WELL SCREEN: 4" SCH 40 0.020 SLOT				
DRILLER: WOODWARD DRILLING, BK81				SAND PACK: #3 SAND								
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 98.5' 98.33'
				85/11"	0				91		SM	
				78	0				92			
				60	0				93			
				80	0	MW-2096'			94			
				80	0				95			
				80/10"	0				96			
				80/11"	0				97			
				80	0				98			
				80/11"	0				99			
				80	0				100		SM	BROWN (7.5YR 4/6) SILTY SAND (SM); fine-grained sand, trace clay, trace medium-grained sand, very dense, moist (0,75,20,5).
				82/11"	0				101		SP	BROWN (7.5YR 4/2), SAND (SP); with silt, fine-grained sand, very dense, wet (0,90,10,0).
				80	0				102			
				82/11"	0				103			
				82/11"	0				104			
				77/11"	0				105			
									106			
									107			
									108			
									109			
									110			
									111			
									112			
									113			
									114			
									115			
									116			
									117			
									118			
									119			
									120			
												Bottom of bore 109 feet below ground surface.

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE-GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE-GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS
		HIGHLY ORGANIC SOILS			

SAMPLE

INTERVAL SAMPLED



SAMPLE COLLECTED FOR LABORATORY ANALYSIS

RECOVERED

NO RECOVERY



INITIAL WATER LEVEL AT TIME OF DRILLING



STABILIZED WATER LEVEL ON DATE NOTED



LITHOLOGIC CONTACT



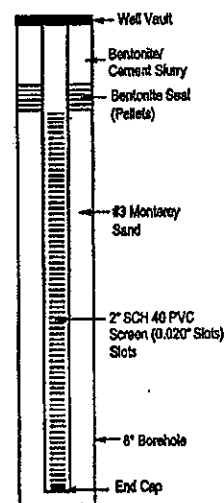
INFERRED CONTACT



GRADATIONAL CONTACT

(20,80,0,0)
GRAVEL SAND CLAY SILT PERCENTAGES OF SOIL TYPES SHOWN IN THIS ORDER

WELL CONSTRUCTION



NOTE: SOIL CONDITIONS INDICATED BY BORING LOGS APPLY AT THE LOCATION OF THE PARTICULAR BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THE BORING LOCATION WITH THE PASSAGE OF TIME. DATA PRESENTED IN THE LOGS REPRESENTS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. SOIL CONDITIONS INDICATED BETWEEN SAMPLE INTERVALS ARE INFERRED.

UNIFIED SOIL CLASSIFICATION, BORING LOG, AND WELL CONSTRUCTION SYMBOLS

SECOR
International Incorporated



860 W. Fremont Ave



Well Annotations- 3 Wells Selected

APN: 32301001
860 Warner Ave
Sunnyvale CA
94087

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	07S02W02K004	01W00930	MW-1	Other-Active	6111470	1954286
2	07S02W02K005	01W00931	MW-2	Other-Active	6111534	1954362
3	07S02W02K006	01W00932	MW-3	Other-Active	6111455	1954365

- Wells.shp
- Water Supply - Active
 - Water Supply - Standby
 - Water Supply - Inactive
 - Extraction (Env) - Active
 - Extraction (Env) - Inactive
 - Other - Active
 - Other - Inactive
 - Abandoned
 - Destroyed
 - Status Undetermined
- Parcels.shp
- Fuelleak.shp
- VALFLOOR.SHP
- Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

25 0 25 50 Feet

5750 ALMADEN EXPRESSWAY, SAN JOSE, CA 95118-3686

Please complete all information.

DISTRICT PERMIT NO.:

05D00665

Well Owner: Atlantic Richfield Company	Property Owner: Atlantic Richfield Company	Name of Business/Residence at Well Site: ARCO Service Station # 2145
Well Owner's Mailing Address: P.O. Box 6549	Property Owner's Mailing Address: P.O. Box 6549	Address of Well Site: 860 W. Fremont Ave. (aka Warner)
City, State, Zip: Moraga, CA 94570	City, State, Zip: Moraga, CA 94570	City, State, Zip: Sunnyvale, CA 94087
Telephone No.: 925-299-8891	Telephone No.: 925-299-8891	Assessor's Parcel Number of Well Site: Book: 323 Page: 01 Parcel: 001
Consultant: URS Corporation	Drilling Company: Gregg Drilling	
Address: 1333 Broadway, Suite 800	Address: 950 Howe Road	
City, State, Zip: Oakland, CA 94612	City, State, Zip: Martinez, CA 94553	
Telephone No.: 510-874-3026 Attn: John McCain	Telephone No.: 925-313-5800	C-57 License No.: 485165
<input type="checkbox"/> Check if address or phone number has changed.	<input type="checkbox"/> Check if address or phone number has changed.	

All questions below are to be completed before permit can be issued; if unknown, applicant shall make on-site investigation to determine correct answers.

Well Information

Well Registration No.: 07502W02K006	Owner/Consultant Well No.: MW-3	Original Well Construction Permit No.: 01W00932
Well Casing Depth: 108.57 ft bgs	Total Boring Depth: 109 ft bgs	Well Casing Diameter: 4 inches

THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS

CASE NAME: ARCO Service Station

Oversight Agency: Santa Clara Co. Env. Health If under S.C.V.W.D. oversight, list Case Number(s): Site Code No. 34A

<input type="checkbox"/> Well on SCVWD property/easement*	<input type="checkbox"/> Well is within 50 feet of the top of a creek/river bank*	(* See General Conditions, E.)
Well Description:		
<input type="checkbox"/> Vertical Well	<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Elevator Shaft
<input type="checkbox"/> Multiple Casing	<input type="checkbox"/> Horizontal Well	<input type="checkbox"/> Pit Well
Well Type: check all that apply		
<input type="checkbox"/> Water Producing (supply or extraction)	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal & Industrial	<input type="checkbox"/> Vapor Extraction
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Inclinator	<input checked="" type="checkbox"/> Groundwater
<input type="checkbox"/> Vadose	<input type="checkbox"/> Piezometer	<input type="checkbox"/> Interface
<input type="checkbox"/> Suction Lysimeter	<input type="checkbox"/> Seismic	
<input type="checkbox"/> Injection/Infiltration	<input type="checkbox"/> Contamination Cleanup	<input type="checkbox"/> Reclaimed Water
<input type="checkbox"/> Air Sparging		
<input type="checkbox"/> Cathodic Protection		

Additional Questions For Water Producing Wells

Does the well have:	1. Outer conductor casing?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	2. Annular cement seal outside of casing at surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	3. A S.C.V.W.D. water meter attached?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Type of Original Drilling Method:			
<input type="checkbox"/> Rotary	<input type="checkbox"/> Cable-Tool	<input type="checkbox"/> Hand Dug Pit Well	<input checked="" type="checkbox"/> Hollow Stem Auger
<input type="checkbox"/> Other:			

IMPORTANT

A minimum 24-hour notice must be given to SCVWD prior to installing the annular seal.
Call (408) 265-2607 Ext. 2660. For weekends, holidays, after hours call (408) 265-2607, Ext. 2120.
Please allow 10 working days to process permit application.

SEP 14 2005

S.C.V.W.D.
WELLS

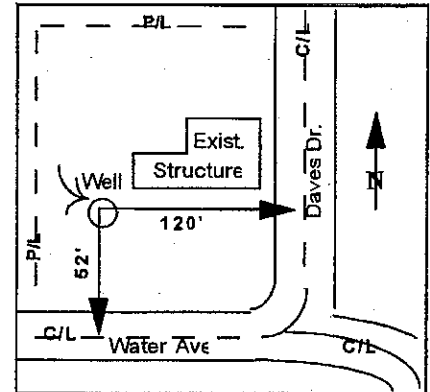
Site Plan

WELL LOCATION

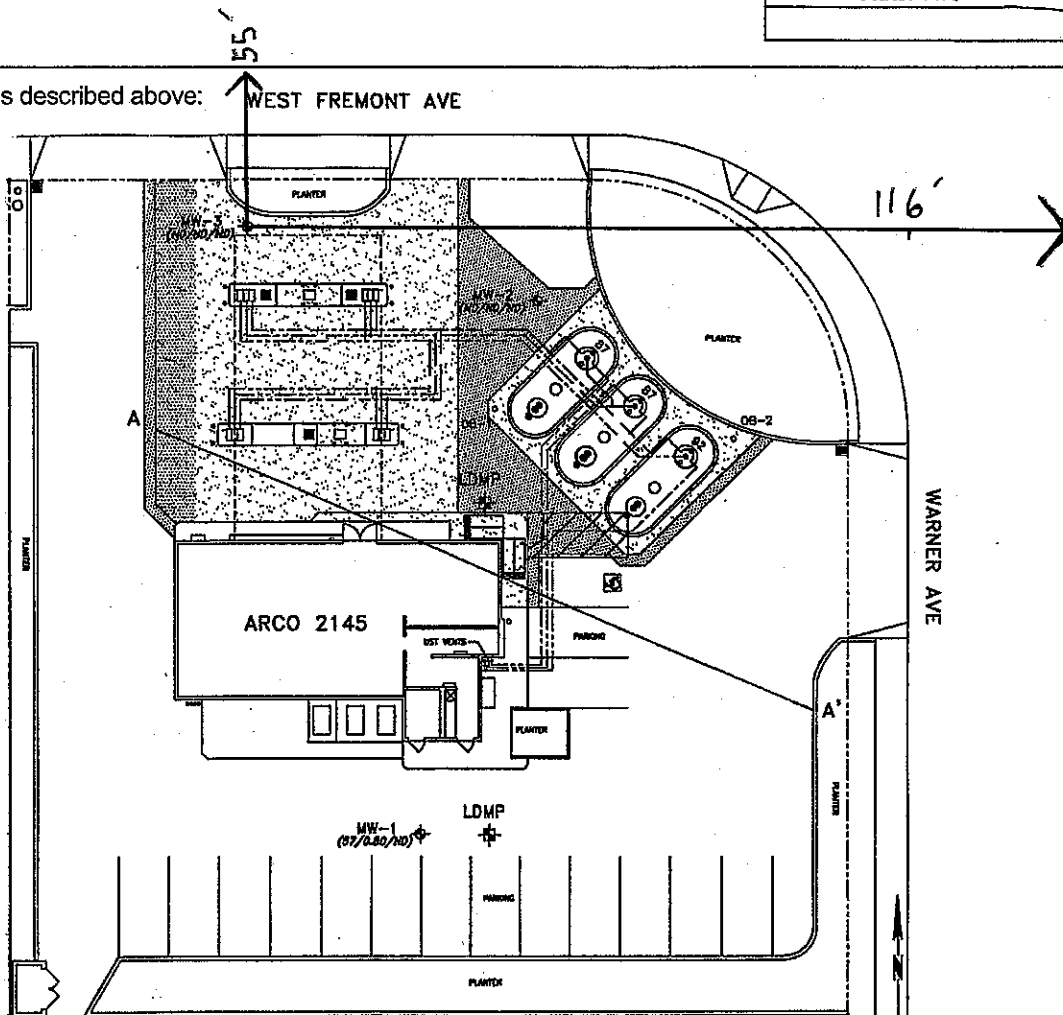
(Draw accurately; recommend using assessor's map)

1. Sketch well location to scale, show dimensions to nearest foot. (Do not attach separate map.)
2. Show a minimum of two dimensions at right angles. Dimensions shall be from the centerline of the closest named streets, roads, or highways.

EXAMPLE →



Sketch well location as described above:



LEGEND

LDMP

MW-1

OB-1

○

LEAK DETECTION MONITORING PROBE

GROUNDWATER MONITORING WELL LOCATION

UST CAVITY OBSERVATION WELL

PROPERTY LINE

UNDERGROUND TANKS

A—A' LINE OF GEOLOGIC CROSS-SECTION

0 20 40

SCALE IN FEET

Please allow 10 working days to process this application.




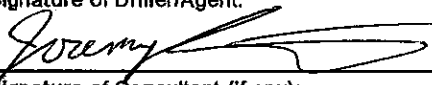
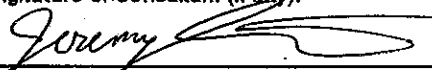
Please describe, in detail, the proposed destruction method*:

Well destruction via pressure grout according to SCVWD guidelines.

* Any well destruction in which the well casing is left in place and in which the well has a filter pack outside the casing, must be destroyed using approved neat cement grout.

I understand that all work is to be done in accordance with the District Well Ordinance, the District Well Standards, and the conditions of this permit (see page 4). I also certify that the information given in this permit is correct.

NOTE: All applicable signatures must be present before permit will be processed.

Signature of Well Owner/Agent: 	Print Name: Jeremy Quich / URS for Atlantic Richfield Co	Date: 9-13-05
Signature of Driller/Agent: 	Print Name: Jeremy Quich / URS for Gregg Drilling	Date: 9-13-05
Signature of Consultant (if any): 	Print Name: Jeremy Quich / URS	Date: 9-13-05

DISTRICT USE ONLY

The District has approved the following destruction methods for the well described in this permit:

☒ Pressure Grout Method (as outlined in Standards).

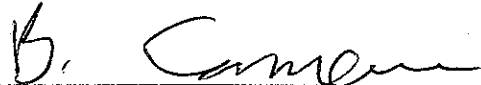
OR NOTE: Neat cement is the only sealing material approved for pressure grouting.

☒ Drill out well to a total depth of 109 feet, with a minimum bore of 10 inches.

☐ Clean out well casing to a total depth of _____ feet and back fill with approved sealing material (if total depth is unknown, driller must determine total depth during clean out of well). NOTE: Neat cement is the only sealing material approved for back filling gravel packed wells.

☐ Well casing must be perforated at the following depths prior to backfilling: _____

☐ Other: _____

Permit Approved By: 	Date: 9-28-05
District Permit No.: 05D00665	Date Issued: 9-28-05
Expiration Date: 3-28-06	Driller's Log No.: 030700

Please allow 10 working days to process this application.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE THE PLACEMENT OF THE WELL DESTRUCTION SEALING MATERIALS. An authorized District representative must be on site to witness the destruction activities. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification under penalty of perjury that the well was destroyed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well destruction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative believes that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains any incorrect information. If the permit is voided after work has begun, the well or boring that is being destroyed under this permit may be required to be reconstructed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream or watercourse, or on SCVWD property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone (408) 2652607, Ext. 2350, 2217, or 2253).
- F. Within 60 days of the completion of well destruction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and submit the original to the District's Wells and Water Production Unit.
- G. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting of or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- H. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- I. A current C-57 Water Well Drilling Contractors License is required for the destruction of all wells.
- J. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials generated during drilling, well destruction, well development, pump testing, or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials/waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways. Such materials/waters shall not be allowed to move off the property where the work is being completed.
- K. The driller and consultant (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with the District.
- L. This Permit shall expire if not exercised within 180 calendar days of its approval unless an extension of the permit expiration date is granted in writing by an authorized District representative.
- M. If the well approved to be destroyed under this permit is a monitoring well, associated with an investigation/cleanup overseen by a regulatory agency, the proposed well destruction must be approved by the person with regulatory authority over the investigation/cleanup.
- N. This permit shall be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Please allow 10 working days to process this application.

Santa Clara Valley Water District

WELL CONSTRUCTION/COMPLETION NOTICE

FCE 158A (08-14-98)

Inspector: <u>Thiemann</u>	Date of Inspection: <u>8/20/01</u>	Permit: <u>01W00932</u>
Owner/Consultant Well No.: <u>MW-3</u>	Well Registration No.: <u>07502W02K006</u>	
Well Owner: <u>Atlantic Richfield Co.</u>	Address of Well Site: <u>860 Warner Av</u>	City or County: <u>Sunnyvale</u>
Drilling Company: <u>Woodward</u>	Consultant: <u>SECOR</u>	<u>MV</u>
Cond. Bore: <u>0</u>	Conductor Depth: <u>0</u>	Conductor Diameter & Material: <u>0</u>
TD: <u>109</u>	BOC: <u>109</u>	Boring Diameter: <u>10"</u>
Blank Casing Diameter & Material: <u>4"PV</u>		
Filter Pack Material: <u>#3</u>	Filter Pack Interval(s): <u>TD-87</u>	Screen Diameter, Material, & Size: <u>4"PV</u>
Sealing Material: <input checked="" type="checkbox"/> Neat Cement	<input type="checkbox"/> 10 Sack Sand Slurry	Drilling Method: <input checked="" type="checkbox"/> HSA
<input type="checkbox"/> Bentonite	<input type="checkbox"/> Other (See Comments)	<input type="checkbox"/> Mud rotary
		<input type="checkbox"/> Direct Push
		<input type="checkbox"/> Air Rotary
Well Type: <input checked="" type="checkbox"/> GW Monitoring	<input type="checkbox"/> GW Extraction	<input type="checkbox"/> Vadose Monitoring
<input type="checkbox"/> Domestic	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Vadose Extraction
	<input type="checkbox"/> Municipal/Industrial	<input type="checkbox"/> Elevator
		<input type="checkbox"/> Cathodic
		<input type="checkbox"/> Other (See Comments)
Well constructed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)		
Well Location: <u>75</u> ft. NS: <u>Fremont</u>	ft. EW: <u>153</u>	<u>N/O Warner</u>
GPS Coordinates: Lat: <u>37 21 07.10N</u>	Long: <u>122 02 56.38W</u>	
Comments:		

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDNENROD-Permittee

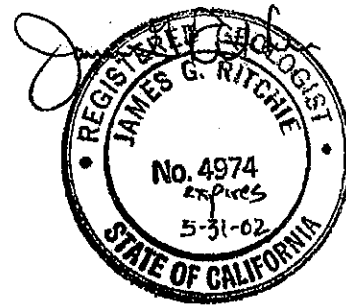
120

WELL/BORING LOCATION MAP		SECOR International Incorporated		WELL/BORING: MW-3											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
		CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT											
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 97.5' 97.98'	TIME: 0854 -	DATE: 8/20/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
									1						Concrete.
									2						FILL
									3		ML				DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML); fine-grained sand, soft, moist (0,30,70,0).
									4						
				62	0				5						Grades YELLOWISH BROWN (10YR 5/4) SILT (ML); trace sub angular gravel, trace clay, hard, damp (5,15,75,5).
									6						
				37	0				7						
									8						
									9						
				7/12	0				10						Grades LIGHT OLIVE BROWN (2.5YR 5/6).
									11						
				19	0	MW-3@12'			12						Grades to DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML) fine-grained sand, trace clay, stiff, damp (0,30,65,5).
									13						
				27	0				14						Grades with trace medium- to coarse-grained sand and fine sub rounded gravel, stiff (5,30,60,5).
									15						
				50	0				16						
									17		SW				DARK BROWN (10YR 3/3) GRAVELLY SAND (SW), fine sub angular gravel, fine-grained sand, little silt, trace medium to coarse-grained sand, very dense, damp (30,60,10,0).
				50/8"	0				18						
									19						
				50	0				20						
									21						Grades with coarse sub angular gravel, with medium- to coarse-grained sand, trace silt (30,65,5,0).
									22						
									23						
				50/8"	0				24						
									25						
				41	0				26		ML				DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML); fine-grained sand, trace medium- to coarse-grained sand, trace clay, very stiff to hard, damp (0,35,60,5).
									27						
				28	0				28						
									29						
				21	0				30						

WELL/BORING LOCATION MAP				SECOR <small>International Incorporated</small>				WELL/BORING: MW-3						
				DATE: 8/16/01				DRILLING METHOD: HOLLOW STEM AUGER						
				PROJECT #: 006.03924				SAMPLE METHOD: CA SPLIT SPOON						
				CLIENT: ARCO 2145				BORING DIAMETER: 10"						
				LOCATION: 860 WEST FREEMONT AVE.				BORING DEPTH: 110'						
				CITY: SUNNYVALE				WELL CASING: 4" SCH 40						
CO./STATE: SANTA CLARA COUNTY, CA				WELL SCREEN: 4" SCH 40 0.020 SLOT										
DRILLER: WOODWARD DRILLING, BK81				SAND PACK: #3 SAND										
WELL/BORING COMPLETION	1st	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL:	97.5'	97.98'
												TIME:	0854	-
												DATE:	8/20/01	8/23/01
DESCRIPTION/LOGGED BY: A. STANFILL														
				55	0				31		SP	DARK YELLOWISH BROWN (10YR 4/6) SAND (SP); medium-grained sand, with fine- and coarse-grained sand, fine sub rounded gravel, trace silt, very dense, damp (15,80,5,0).		
				55	0				32		SM	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); fine-grained sand, trace medium- to coarse-grained sand, very dense, damp (0,60,40,0).		
				70	0				33					
				43	0				34					
				45	0				35					
				54	0				36		SW	DARK BROWN (10YR 3/3) GRAVELLY SAND (SW); fine to coarse sub angular gravel, fine-grained sand, with medium- to coarse-grained sand, trace silt, dense to very dense, damp (30,65,5,0).		
				55.5	0				37					
				40	0				38					
				34	0				39					
				38	0				40					
				80	0				41			Grades DARK YELLOWISH BROWN (10YR 3/4).		
				50/6"	0				42					
				50/5.5"	0				43		SM	DARK YELLOWISH BROWN (10YR 3/6) SILTY SAND (SM); fine-grained sand, trace clay, dense to very dense, moist (0,55,40,5).		
				50/5.5"	0				44					
				50/5.5"	0				45					
				50/5.5"	0				46					
				50/5.5"	0				47					
				50/5.5"	0				48					
				50/5.5"	0				49		SM	DARK YELLOWISH BROWN (10YR 3/6) GRAVELLY to SILTY SAND (SM); fine-grained sand, with silt, little fine to coarse sub angular gravel, trace clay, dense to very dense, moist (25,50,20,5).		
				50/5.5"	0				50					
				50/5.5"	0				51					
				50/5.5"	0				52					
				50/5.5"	0				53		SW	DARK YELLOWISH BROWN (10YR 3/4) GRAVELLY SAND (SW); fine to coarse sub rounded gravel, fine-grained sand, with medium to coarse grained sand, trace silt, very dense, moist (35,60,5,0).		
				50/5.5"	0				54					
				50/5.5"	0				55					
				50/5.5"	0				56					
				50/5.5"	0				57			Grades DARK BROWN (10YR 3/3).		
				50/5.5"	0				58					
				50/5.5"	0				59					
				50/5.5"	0				60					

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-3										
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER										
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON										
		CLIENT: ARCO 2145		BORING DIAMETER: 10"										
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'										
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40										
		CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT										
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND												
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 97.5' 97.98'	TIME: 0854 -	DATE: 8/20/01 8/23/01
				55	0				61		SP			
				55	0				62		SP			
				70	0				63		SW			
				43	0				64					
				45	0				65					
				50/4"	0				66					
				50/5.5"	0				67					
				40	0				68					
				34	0				69					
				35	0				70					
				50/5"	0				71		SM			
				50/5.5"	0				72		SP			
				80	0				73					
				50/5"	0				74					
				50/5.5"	0				75					
				50/5.5"	0				76					
				50/5.5"	0				77					
				50/5.5"	0				78					
				50/5.5"	0				79					
				50/5.5"	0				80					
				50/5.5"	0				81					
				50/5.5"	0				82					
				50/5.5"	0				83		SM			
				50/5.5"	0				84		SP			
				50/5.5"	0				85					
				50/5.5"	0				86					
				50/5.5"	0				87					
				50/5.5"	0				88					
				50/5.5"	0				89					
				50/5.5"	0				90					

WELL/BORING LOCATION MAP		SECOR International Incorporated		WELL/BORING: MW-3											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
		CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT											
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL:	97.5'	97.98'	
												TIME:	0854	-	
												DATE:	8/20/01	8/23/01	
DESCRIPTION/LOGGED BY: A. STANFILL															
									91		SP				
									92						
									93						
									94						
									95		SM	DARK YELLOWISH BROWN (10YR 3/6) SILTY SAND (SM); fine-grained sand, little medium to coarse-grained sand, with fine sub rounded gravel, dense, damp (15,65,20,0).			
									96						
									97						
									98						
									99		SP	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); medium-grained sand, little fine and coarse-grained sand, with fine sub rounded gravel, dense, moist (10,70,20,0).			
									100						
									101						
									102						
									103						
									104			Grades with little fine sub rounded gravel, trace silt, wet (15,75,10,0).			
									105						
									106		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); fine to coarse sub rounded gravel, fine to coarse-grained sand, trace silt, dense, wet (30,65,5,0).			
									107						
									108						
									109			Bottom of bore 109 feet below ground surface.			
									110						
									111						
									112						
									113						
									114						
									115						
									116						
									117						
									118						
									119						
									120						



SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE-GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE-GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50			ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
		HIGHLY ORGANIC SOILS			PT

SAMPLE

INTERVAL SAMPLED



SAMPLE COLLECTED FOR LABORATORY ANALYSIS

RECOVERED

NO RECOVERY



INITIAL WATER LEVEL AT TIME OF DRILLING



STABILIZED WATER LEVEL ON DATE NOTED



LITHOLOGIC CONTACT



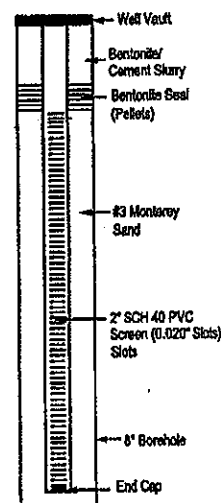
INFERRED CONTACT



GRADATIONAL CONTACT

(20,80,0,0)
GRAVEL SAND CLAY SILT PERCENTAGES OF SOIL TYPES SHOWN IN THIS ORDER

WELL CONSTRUCTION



NOTE: SOIL CONDITIONS INDICATED BY BORING LOGS APPLY AT THE LOCATION OF THE PARTICULAR BORING AND AT THE TIME OF DRILLING. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THE BORING LOCATION WITH THE PASSAGE OF TIME. DATA PRESENTED IN THE LOGS REPRESENTS A SIMPLIFICATION OF THE ACTUAL CONDITIONS ENCOUNTERED. SOIL CONDITIONS INDICATED BETWEEN SAMPLE INTERVALS ARE INFERRED.

UNIFIED SOIL CLASSIFICATION, BORING LOG, AND WELL CONSTRUCTION SYMBOLS

SECOR
International Incorporated



860 W. Fremont Ave



APN: 32301001
860 Warner Ave
Sunnyvale CA
94087

Well Annotations- 3 Wells Selected

No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	07S02W02K004	01W00930	MW-1	Other-Active	6111470	1954286
2	07S02W02K005	01W00931	MW-2	Other-Active	6111534	1954362
3	07S02W02K006	01W00932	MW-3	Other-Active	6111455	1954365

Wells.shp

- ⊕ Water Supply - Active
- ⊞ Water Supply - Standby
- Water Supply - Inactive
- ⊕ Extraction (Env) - Active
- Extraction (Env) - Inactive
- ⊕ Other - Active
- Other - Inactive
- * Abandoned
- ⊕ Destroyed
- ▲ Status Undetermined
- Parcels.shp
- ▲ FuelLeak.shp
- VALFLOOR.SHX
 - Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5

Approximate Scale

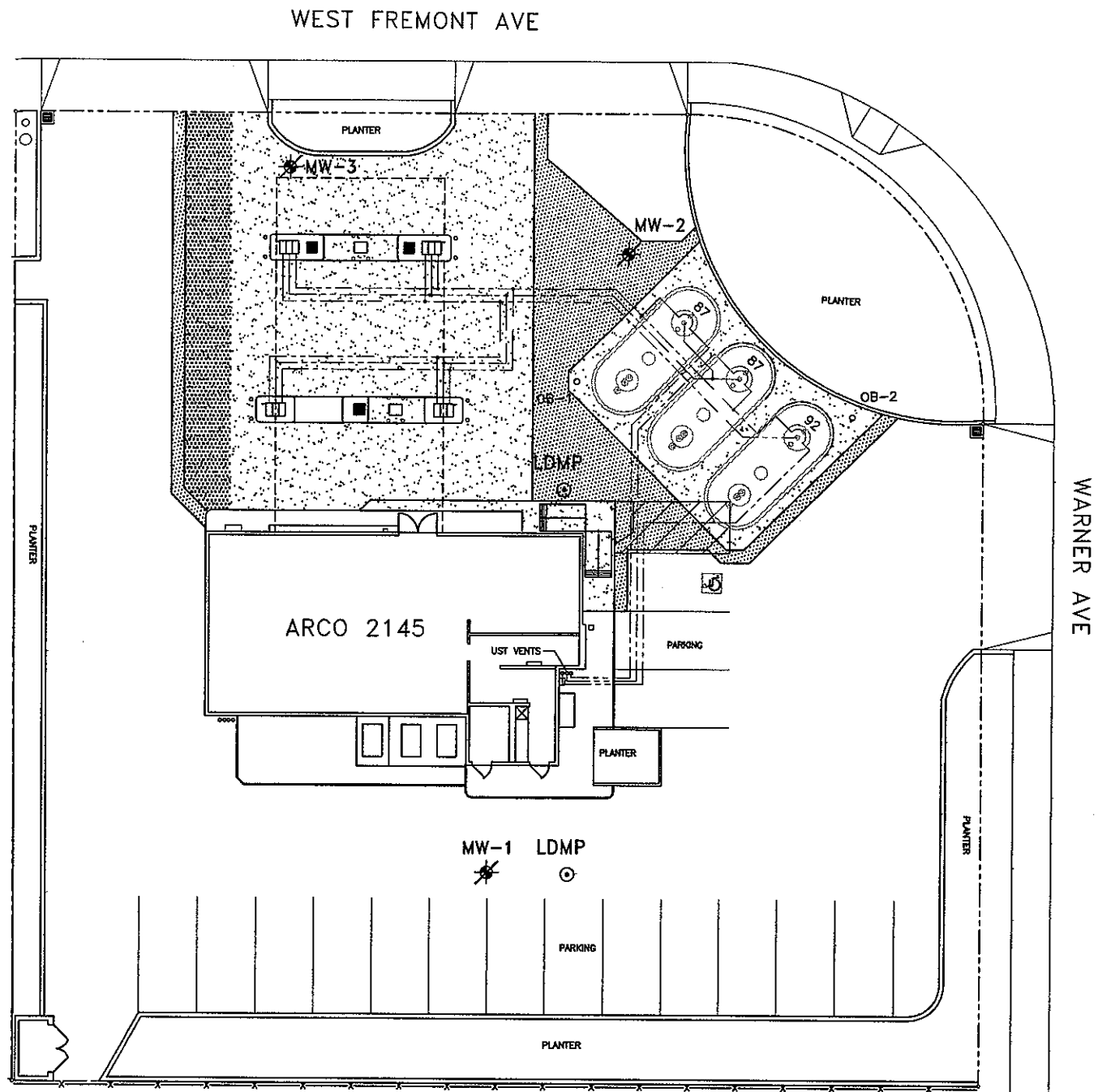
25 0 25 50 Feet

Attachment B

DWR Well Completion Reports

(Original copy submitted to the SCVWD Wells Division)

Dec 22, 2005 - 9:16am
x:\x_env\waste\BP_GEM\Sites\Lynelle Orishi - SCVVD ARCO Sites\2005 Well Destructions\2145\Well Destruction Report\SITE MAP.dwg



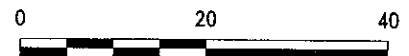
LEGEND

- MW-1 DESTROYED GROUNDWATER MONITORING WELL LOCATIONS
- LDMP LEAK DETECTION MONITORING PROBE (LDMP) LOCATION
- --- PROPERTY LINE
- --- UNDERGROUND TANKS

NOTE: SITE MAP ADAPTED FROM SECOR INTERNATIONAL FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



NORTH



SCALE IN FEET

URS

Project No. 38487380
Arco Service Station #2145
860 West Fremont Avenue
Sunnyvale, California

SITE MAP

FIGURE

1

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: Thiemann		Date of Inspection: 10/19/05		Permit: 05D00663	
Owner/Consultant No: MIV-1		Well Registration No: 07S02W02K004			
Well Owner: Atlantic Richfield Co		Address of Well Site: 860 W. Fremont Av		City or County: Sunny	
Drilling Company: Gregg		Consultant: URS			
Well Depth: 109.5	Borehole Diameter: 10"	Casing Diameter: 4"	Casing Material: PVC	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: <input type="checkbox"/> to <input type="checkbox"/>			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry		
			<input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate					
<input type="checkbox"/> Ball Port & Backfill <input type="checkbox"/> Ball & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)					
GPS Coordinates Lat: Long:					
Comments:					

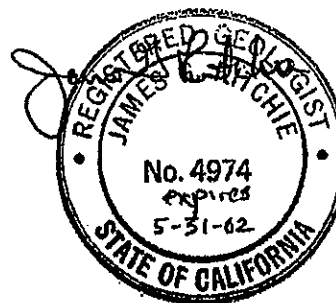
Distribution: ORIGINAL Permit File, YELLOW City/County, PINK Well File, GOLDENROD Permittee

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-1										
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER										
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON										
		CLIENT: ARCO 2145		BORING DIAMETER: 10"										
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'										
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40										
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT												
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND												
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 100' 100.46' TIME: 800 - DATE: 8/17/01 8/23/01 DESCRIPTION/LOGGED BY: A. STANFILL		
<div style="background-image: linear-gradient(to right, black 1px, transparent 1px); background-size: 10px 10px; height: 100%;"></div>									1	Asphalt.		FILL		
									2					
									3	ML		DARK YELLOWISH BROWN (10YR 4/4) topsoil SANDY SILT (ML); fine-grained sand, very soft, damp (0,30,70,0).		
									4					
									5	SW				
					64				6			DARK YELLOWISH BROWN (10YR 4/4) GRAVELLY SAND (SW); with silt, coarse gravel, fine-grained sand, very dense, damp (30,50,20,0).		
									7					
					37				8					
									9			LIGHT OLIVE BROWN (2.5YR 5/4) SILTY SAND (SM); fine- to coarse-grained sand, dense, damp, (0,75,25,0).		
					19				10					
									11	SM				
					42		MW-1012		12			lense of SILTY SAND (SM), with fine gravel (10,60,30,0).		
									13					
					27	0			14					
					50				15			BROWN (7.5YR 4/4) SILTY SAND (SM); with clay, trace fine- to coarse-gravel, fine-grained sand, dense, moist, some rootlets (5,60,20,15).		
									16	SM				
					50/6"				17					
									18			Layer of coarse gravel at 17'		
									19	SM		BROWN (7.5YR 4/4) SILTY SAND (SM); with clay, trace fine to coarse gravel, fine-grained sand, very dense, moist, some rootlets (5,60,20,15).		
									20					
									21	GM				
						0	MW-1021.5		22			BROWN (7.5YR 4/4) SANDY GRAVEL (GM); with silt and clay, coarse- to fine-grained gravel and sand, medium to very dense, moist (60,20,10,10).		
					50				23					
									24					
					71/8"				25			Grades with decreasing gravel, increasing sand and silt (40,30,20,10).		
									26					
					41				27	SM				
									28			DARK YELLOWISH BROWN (10YR 4/4) SILTY SAND (SM); trace clay, fine-grained sand, dense, moist (0,70,25,5).		
					28				29					
									30	ML				
											DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML); trace clay, fine-grained sand, very stiff, moist (0,25,70,5).			

WELL/BORING LOCATION MAP				SECOR <small>International Incorporated</small>				WELL/BORING: MW-1							
				DATE: 8/16/01				DRILLING METHOD: HOLLOW STEM AUGER							
				PROJECT #: 006.03924				SAMPLE METHOD: CA SPLIT SPOON							
				CLIENT: ARCO 2145				BORING DIAMETER: 10"							
				LOCATION: 860 WEST FREEMONT AVE.				BORING DEPTH: 110'							
				CITY: SUNNYVALE				WELL CASING: 4" SCH 40							
CO./STATE: SANTA CLARA COUNTY, CA				WELL SCREEN: 4" SCH 40 0.020 SLOT											
DRILLER: WOODWARD DRILLING, BK81				SAND PACK: #3 SAND											
WELL/BORING COMPLETION	1st	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL:	100'	100.46'	
				21					31		ML	TIME:	800	-	
				27	0				32		SM	DATE:	8/17/01	8/23/01	
				51					33			DESCRIPTION/LOGGED BY: A. STANFILL			
				76	0				34			YELLOWISH BROWN (10YR 5/6) SILTY SAND (SM); fine-grained sand poorly grades, medium dense, moist (0,75,25,0).			
				74					35		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); with silt, coarse gravel, fine to coarse-grained sand, very dense, moist, (20,70,10,0).			
				54	0				36		ML	YELLOWISH BROWN (10YR 5/6) CLAYEY SILT (ML); with coarse gravel and coarse-grained sand, hard, moist (10,10,60,20).			
				76	0				37						
				98	0				38						
				22					39						
				34					40			Grades with increasing gravel and sand, damp (15,15,50,20).			
				85					41						
				91					42						
				78					43						
				41					44						
									45						
									46			Grades with increasing CLAY (15,15,40,30).			
									47		SM	DARK YELLOWISH BROWN (10YR 4/4) SILTY SAND (SM); with fine gravel, trace clay, and fine-grained sand, medium dense, moist, iron oxidation (10,70,15,5).			
									48		ML	YELLOWISH BROWN (10YR 5/4) CLAYEY SILT (ML); with fine-grained sand, trace coarse gravel, hard, moist, (5,10,60,25).			
									49						
									50						
									51						
									52						
									53						
									54						
									55						
									56						
									57						
									58						
									59						
									60		SM				

WELL/BORING LOCATION MAP				SECOR International Incorporated				WELL/BORING: MW-1				
				DATE: 8/16/01				DRILLING METHOD: HOLLOW STEM AUGER				
				PROJECT #: 006.03924				SAMPLE METHOD: CA SPLIT SPOON				
				CLIENT: ARCO 2145				BORING DIAMETER: 10"				
				LOCATION: 860 WEST FREEMONT AVE.				BORING DEPTH: 110'				
				CITY: SUNNYVALE				WELL CASING: 4" SCH 40				
				CO./STATE: SANTA CLARA COUNTY, CA				WELL SCREEN: 4" SCH 40 0.020 SLOT				
DRILLER: WOODWARD DRILLING, BK81				SAND PACK: #3 SAND								
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	DESCRIPTION/LOGGED BY: A. STANFILL
				58					61		SM	YELLOWISH BROWN (10YR 5/6) SILTY SAND (SM); trace fine to coarse gravel and clay, fine-grained sand, medium to very dense, moist, (5,65,25,5).
				31	0				62			
				20					63			
									64			
									65			
									66		SM	Grades with increasing silt and clay (5,55,30,10).
				80	0				67			
									68		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); with silt, trace clay, fine to coarse-grained gravel and fine to coarse-grained sand, very dense, moist, (20,65,10,5).
				96					69			
					0				70		SM	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); with fine grained sand, very dense, moist, (0,75,20,5).
				39	0				71		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); with silt, trace clay, fine to coarse-grained gravel and sand, dense, moist (15,55,20,10).
									72			
				47	0				73			
									74		ML	DARK YELLOWISH BROWN (10YR 4/6) SANDY SILT (ML); trace clay, hard, moist.
				90	0				75			
									76			
				50					77		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); trace silt, fine-grained gravel and fine-grained sand, very dense, moist (20,75,5,0).
									78			
				58					79			
									80			
				97					81			
									82			
				88					83			
									84			
				89					85			
									86			
				45					87			
									88		SM	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); trace clay, fine gravel, fine-grained sand, dense, moist, (5,65,25,5).
				80					89			
									90			Grades from moist to wet.

WELL/BORING LOCATION MAP		SECOR International Incorporated		WELL/BORING: MW-1								
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER								
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON								
		CLIENT: ARCO 2145		BORING DIAMETER: 10"								
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'								
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40								
		CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT								
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND										
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	DESCRIPTION/LOGGED BY: A. STANFILL
				40					91		SM	
				38					92			
				50/5"	0	NW-1094			93			
				50/5"	0				94		SP	DARK YELLOWISH BROWN (10YR 4/4) SAND (SP); trace silt, fine to medium-grained sand, with coarse-grained sand, very dense, moist (0.95,5,0).
				50/5"	0				95		SM	Grades to fine grained sand, with silt, trace clay (0.80,15,5).
				50/4"	0				96		SP	Grades to medium grained sand, with fine-grained sand and gravel, very dense, wet (25,70,5,0).
				50/5.5"	0				97		SW	DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); fine sub rounded gravel and fine-grained sand, trace silt, very dense, wet (40,55,5,0).
				50/5.5"	0				98			
				50/4"	0				99			
				50/5"	0				100			
				50/5"	0				101			
			50/5"	0				102				
			50/5"	0				103				
			50/4"	0				104				
			50/5"	0				105				
			50/5"	0				106				
			50/5"	0				107				
			50/5"	0				108				
			50/5"	0				109				
			50/5"	0				110				
								111				
								112				
								113				
								114				
								115				
								116				
								117				
								118				
								119				
								120				
Bottom of bore 110 feet below ground surface.												



Permit No. 05D00664 Permit Date 9-28-05

Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN																															
07502W02K005																															
STATE WELL NO./STATION NO.																															
<table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>												<table border="1"> <tr> <td></td> </tr> </table>		<table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																<table border="1"> <tr> <td></td> </tr> </table>	
LATITUDE						LONGITUDE																									
<table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>																															
APN/TRS/OTHER																															

GEOLOGIC LOG				WELL OWNER	
ORIENTATION (≡)		<input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> ANGLE <input type="checkbox"/> (SPECIFY)		Name <u>Atlantic Fichtel Co. (a BP Affiliated Co.)</u>	
DEPTH FROM SURFACE		DRILLING METHOD <u>Pres. Grout</u> FLUID <input type="checkbox"/>		Mailing Address <u>70 Box 6549</u>	
Fl. to Fl.		DESCRIPTION		CITY <u>Albany</u> STATE <u>CA</u> ZIP <u>94720</u>	
		Describe material, grain size, color, etc.		WELL LOCATION	
0 109.90		Grout: Pres. applied for 5 mins. @ 25 psi.		Address <u>800 W. Fremont Ave.</u>	
				City <u>Sunnyvale, CA</u>	
				County <u>Santa Clara</u>	
				APN Book <u>323</u> Page <u>01</u> Parcel <u>001</u>	
				Township <u></u> Range <u></u> Section <u></u>	
				Latitude <u></u> Longitude <u></u>	
				DEG. MIN. SEC. NORTH DEG. MIN. SEC. WEST	
				LOCATION SKETCH	
				NORTH	
				WEST	
				EAST	
				SOUTH	
				Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.	
				WATER LEVEL & YIELD OF COMPLETED WELL	
				DEPTH TO FIRST WATER <u></u> (Fl.) BELOW SURFACE	
				DEPTH OF STATIC	
				WATER LEVEL <u></u> (Fl.) & DATE MEASURED <u></u>	
				ESTIMATED YIELD * <u></u> (GPM) & TEST TYPE <u></u>	
				TEST LENGTH <u></u> (Hrs.) TOTAL DRAWDOWN <u></u> (Fl.)	
				* May not be representative of a well's long-term yield.	
TOTAL DEPTH OF BORING <u></u> (Feet)		TOTAL DEPTH OF COMPLETED WELL <u></u> (Feet)			

[illegible]

<p>ATTACHMENTS ()</p> <p><input checked="" type="checkbox"/> Geologic Log</p> <p><input type="checkbox"/> Well Construction Diagram</p> <p><input type="checkbox"/> Geophysical Log(s)</p> <p><input type="checkbox"/> Soil/Water Chemical Analyses</p> <p><input type="checkbox"/> Other _____</p> <p>ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.</p>	<p>CERTIFICATION STATEMENT</p> <p>I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.</p> <p>NAME <u>Shannon Carsh for Gregg Drilling</u></p> <p>(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)</p> <p><u>750 Home Rd</u></p> <p>ADDRESS _____</p> <p><u>Martinez CA 94553</u></p> <p>CITY _____ STATE _____ ZIP _____</p> <p><u>1-28-05</u></p> <p>DATE SIGNED _____</p> <p><u>[Signature]</u></p> <p>Signed _____</p> <p>WELL DRILLER AUTHORIZED REPRESENTATIVE</p> <p>C-57 LICENSE NUMBER _____</p>
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WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: Thiemann		Date of Inspection: 10/19/05		Permit: OSD00664	
Owner/Consultant No: MW-2		Well Registration No: 07502W02K005			
Well Owner: Atlantic Richfield Co		Address of Well Site: 860 W Fremont Av		City or County: Sunny	
Drilling Company: Gregg		Consultant: LRS			
Well Depth: 108.9	Borehole Diameter: 10"	Casing Diameter: 4"	Casing Material: PVC	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: 0 to 0			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite	<input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Other (See Comments)	
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate					
<input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates Lat:		Long:			
Comments:					
Distribution: ORIGINAL Permit File, YELLOW City/County, PINK Well File, GOLDENROD Permittee					

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-2											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 109'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
		CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT											
DRILLER: WOODWARD DRILLING, BKB1		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 98.5' 98.33'	TIME: 1435 -	DATE: 8/16/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
									1		Asphalt.				
									2		FILL.				
									3	ML	DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML) with fine-grained sand, soft moist (0,30,70,0).				
									4						
									5		Grades BROWN (10YR 4/3) SANDY SILT (ML): fine-grained sand, trace clay, hard, damp (0,35,60,5).				
				36	0				6		Grades very stiff.				
									7						
				26	0				8						
									9		Grades stiff.				
									10						
				24	0				11	SM	BROWN (10YR 4/3) SAND (SM): fine-grained sand, with silt, trace clay, medium dense, damp (0,80,15,5).				
									12						
				50	0				13						
									14						
				28	0				15	ML	DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML); fine-grained sand, trace medium- to coarse-grained sand, clay and fine to coarse subangular gravel, very stiff, moist (7,28,60,5).				
									16						
				42	0				17	SW	BROWN (10YR 4/3) GRAVELLY SAND (SW); fine- to coarse-grained sand, with fine subangular gravel, trace silt, dense to very dense, damp (20,75,5,0).				
									18						
				50/5.5"	0				19						
									20						
				50/5.5"	0				21						
									22						
				60/4"	0				23						
									24						
				72/11"	0				25						
									26						
				78/11"	0				27						
									28						
				40	0				29	SM	DARK YELLOWISH BROWN (10YR 4/4) SILTY SAND (SM); fine-grained sand, trace clay, dense to very dense, damp (0,60,35,5).				
									30						
			5	0											

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-2											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 109'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT													
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL:	98.5'	98.33'	
												TIME:	1435	-	
												DATE:	8/16/01	8/23/01	
DESCRIPTION/LOGGED BY: A. STANFILL															
				50/5"	0				31		SW	DARK YELLOWISH BROWN (10YR 4/4) GRAVELLY SAND (SW); fine- to coarse-grained sand and fine subrounded gravel, trace silt, very dense, damp (30,65,5,0).			
					0				32		SW				
					0				33						
				70	0				34		SM	DARK YELLOWISH BROWN (10YR 4/4) SILTY SAND (SM); fine-grained sand, trace medium- to coarse-grained sand, clay, dense to very dense, damp (0,65,30,5).			
					0				35		SM				
				43	0				36						
				43	0				37			BROWN (10YR 4/3) SAND (SM); fine-grained sand, with silt, trace medium- to coarse-grained sand, trace clay, very dense, damp (0,80,17,3).			
					0				38						
				50/4"	0				39		SM				
				50/5.5"	0				40			Grades DARK YELLOWISH BROWN (10YR 3/4); with medium- to coarse-grained sand, with fine sub rounded gravel (15,80,5,0). Grades with silt, trace medium- to coarse-grained sand, trace fine sub rounded gravel, trace clay (5,80,12,3).			
					0				41						
				40	0				42		SM				
				34	0				43			DARK YELLOWISH BROWN (10YR 3/8) SILTY SAND (SM); fine-grained sand, trace medium- to coarse-grained sand, fine sub rounded gravel, trace clay, dense, damp (3,70,24,3).			
					0				44						
				38	0				45		SM				
				80/11"	0				46			DARK BROWN (10YR 3/3) GRAVELLY SAND (SW); fine- to coarse-grained sand, some fine sub angular gravel, trace silt, very dense, very damp (25,65,10,0).			
					0				47						
				50/5"	0				48		SW				
				50/5.5"	0				49			Grades to BROWN (7.5YR 4/3) GRAVELLY SAND (SW); fine- to medium-grained sand, fine to coarse sub rounded gravel, trace silt, trace coarse grained sand, dense, damp (35,60,5,0).			
					0				50						
				50/5.5"	0				51						
				50/5.5"	0				52						
					0				53						
				50/5.5"	0				54						
				50/5.5"	0				55						
					0				56						
				50/5.5"	0				57						
					0				58						
					0				59						
					0				60						

WELL/BORING LOCATION MAP		SECOR International Incorporated		WELL/BORING: MW-2											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 109'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
		CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT											
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 98.5' 98.33'	TIME: 1435 -	DATE: 8/16/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
				85/10"	0				61		SW	DARK BROWN (10YR 3/3) GRAVELLY SAND (SW); fine- to medium-grained sand, fine sub rounded gravel, trace coarse-grained sand, trace silt, very dense, damp (40,55,5,0). Grades with fine-grained sand, trace medium-grained sand. Grades DARK YELLOWISH BROWN (10YR 3/4).			
				50/5.5"	0				62						
				50/5"	0				63						
				85/11"	0				64						
				50/5.5"	0				65						
				80/10"	0				66		SP	DARK YELLOWISH BROWN (10YR 4/4) SAND (SP); fine to medium-grained sand, little coarse-grained sand, little fine sub rounded gravel, trace silt, very dense, damp (20,75,5,0).			
				50/5.5"	0				67						
				50/5"	0				68						
				50/4"	0				69						
				85/10"	0				70						
				50/2"	0				71						
				50/3"	0				72		SW	DARK YELLOWISH BROWN (10YR 3/4) GRAVELLY SAND (SW); fine to coarse-grained sand, fine sub rounded gravel, trace silt, very dense, damp (30,65,5,0). Grades DARK GRAYISH BROWN (10YR 4/2); coarse subrounded gravel (35,60,5,0). Grades DARK YELLOWISH BROWN (10YR 3/4). Grades with fine sub angular gravel.			
				50/4"	1				73						
				50/4"	1				74						
				62	0				75						
									76						
									77						
								78							
								79							
								80							
								81							
								82							
								83							
								84							
								85							
								86							
								87							
								88			SM	DARK YELLOWISH BROWN (10YR 3/6) SILTY SAND (SM); fine-grained sand, with medium- to coarse-grained sand, trace fine sub rounded gravel, trace clay, very dense, moist (5,60,30,5).			
								89							
								90							

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-2											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 109'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT													
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	✓ FIRST	✓ STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 98.5' 98.33'	TIME: 1435 -	DATE: 8/16/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
				85/11"	0				91		SM				<p>BROWN (7.5YR 4/6) SILTY SAND (SM); fine-grained sand, trace clay, trace medium-grained sand, very dense, moist (0,75,20,5).</p> <p>BROWN (7.5YR 4/2), SAND (SP); with silt, fine-grained sand, very dense, wet (0,90,10,0).</p> <p>Grades DARK BROWN (10YR 3/3), medium-grained sand, little fine and coarse-grained sand, with fine sub rounded gravel, dense, wet (15,80,5,0).</p>
				78	0				92						
				80	0				93						
				80	0				94						
				80	0				95						
				80	0				96						
				80	0				97						
				80/10"	0				98						
				80/11"	0				99						
				80	0				100						
			82/11"	0					101						
			80	0					102						
			82/11"	0					103						
			82/11"	0					104						
			82/11"	0					105						
			77/11"	0					106						
									107						
									108						
									109						
									110						
									111						
									112						
									113						
									114						
									115						
									116						
									117						
									118						
									119						
									120						
												<p>Bottom of bore 109 feet below ground surface.</p>			

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector Thiemann		Date of Inspection 10/19/05		Permit 05D00665	
Owner/Consultant No. MW-3		Well Registration No. 07502W02K006			
Well Owner Atlantic Richfield Co.		Address of Well Site 860 W. Fremont Av			City or County Sunny
Drilling Company Gregg		Consultant LRS			
Well Depth 108.5	Borehole Diameter 10"	Casing Diameter 4"	Casing Material PVC	Well Type <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other (See comments)	
Casing Perforated 0 to 0			Sealing Material <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)					
GPS Coordinates Lat. Long.					
Comments					
Distribution ORIGINAL Permit File YELLOW City/County PINK Well File GOLDENROD Permittee					

WELL/BORING LOCATION MAP		SECOR International Incorporated		WELL/BORING: MW-3											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT													
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 97.5' 97.98'	TIME: 0854 -	DATE: 8/20/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
									1		ML				Concrete.
									2						FILL
									3						DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML); fine-grained sand, soft, moist (0,30,70,0).
									4						
					62	0			5						Grades YELLOWISH BROWN (10YR 5/4) SILT (ML); trace sub angular gravel, trace clay, hard, damp (5,15,75,5).
					37	0			6						
									7						
					7/12	0			8						Grades LIGHT OLIVE BROWN (2.5YR 5/6).
									9						
					19	0	MW-3012'		10						Grades to DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML) fine-grained sand, trace clay, stiff, damp (0,30,65,5).
									11						
					27	0			12						Grades with trace medium- to coarse-grained sand and fine sub rounded gravel, stiff (5,30,60,5).
									13						
					50	0			14						
									15						
				50/6"	0			16			SW			DARK BROWN (10YR 3/3) GRAVELLY SAND (SW), fine sub angular gravel, fine-grained sand, little silt, trace medium to coarse-grained sand, very dense, damp (30,60,10,0).	
								17							
				50	0			18							
								19							
								20						Grades with coarse sub angular gravel, with medium- to coarse-grained sand, trace silt (30,65,5,0).	
						MW-3021'		21							
								22							
				50/3"	0			23							
								24							
								25							
				41	0			26			ML			DARK YELLOWISH BROWN (10YR 4/4) SANDY SILT (ML); fine-grained sand, trace medium- to coarse-grained sand, trace clay, very stiff to hard, damp (0,35,60,5).	
								27							
				28	0			28							
								29							
				21	0			30							

WELL/BORING LOCATION MAP				SECOR International Incorporated				WELL/BORING: MW-3							
				DATE: 8/16/01				DRILLING METHOD: HOLLOW STEM AUGER							
				PROJECT #: 006.03924				SAMPLE METHOD: CA SPLIT SPOON							
				CLIENT: ARCO 2145				BORING DIAMETER: 10"							
				LOCATION: 860 WEST FREEMONT AVE.				BORING DEPTH: 110'							
				CITY: SUNNYVALE				WELL CASING: 4" SCH 40							
				CO./STATE: SANTA CLARA COUNTY, CA				WELL SCREEN: 4" SCH 40 0.020 SLOT							
DRILLER: WOODWARD DRILLING, BK81				SAND PACK: #3 SAND											
WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL:	97.5'	97.98'	
												TIME:	0854	-	
												DATE:	8/20/01	8/23/01	
DESCRIPTION/LOGGED BY: A. STANFILL															
				55	0				31		ML	DARK YELLOWISH BROWN (10YR 4/6) SAND (SP); medium-grained sand, with fine- and coarse-grained sand, fine sub rounded gravel, trace silt, very dense, damp (15,80,5,0).			
									32		SP				
				55	0				33		SM	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); fine-grained sand, trace medium- to coarse-grained sand, very dense, damp (0,60,40,0).			
									34		SM				
				70	0				35			DARK BROWN (10YR 3/3) GRAVELLY SAND (SW); fine to coarse sub angular gravel, fine-grained sand, with medium- to coarse-grained sand, trace silt, dense to very dense, damp (30,65,5,0).			
									36		SW				
				45	0				37			Grades DARK YELLOWISH BROWN (10YR 3/4).			
									38						
				45	0				39			DARK YELLOWISH BROWN (10YR 3/6) SILTY SAND (SM); fine-grained sand, trace clay, dense to very dense, moist (0,55,40,5).			
									40						
				54	0				41			DARK YELLOWISH BROWN (10YR 3/6) GRAVELLY to SILTY SAND (SM); fine-grained sand, with silt, little fine to coarse sub angular gravel, trace clay, dense to very dense, moist (25,50,20,5).			
									42						
				55.5	0				43		SM	Grades DARK BROWN (10YR 3/3).			
									44						
				40	0				45			DARK YELLOWISH BROWN (10YR 3/4) GRAVELLY SAND (SW); fine to coarse sub rounded gravel, fine-grained sand, with medium to coarse grained sand, trace silt, very dense, moist (35,60,5,0).			
									46						
				34	0				47			Grades DARK BROWN (10YR 3/3).			
									48						
				38	0				49		SM	Grades DARK BROWN (10YR 3/3).			
									50						
				80	0				51			Grades DARK BROWN (10YR 3/3).			
									52						
				80/5"	0				53		SW	Grades DARK BROWN (10YR 3/3).			
									54						
				80/5.5"	0				55			Grades DARK BROWN (10YR 3/3).			
									56						
				80/5.5"	0				57			Grades DARK BROWN (10YR 3/3).			
									58						
				80/5.5"	0				59			Grades DARK BROWN (10YR 3/3).			
									60						

WELL/BORING LOCATION MAP		SECOR <small>International Incorporated</small>		WELL/BORING: MW-3											
		DATE: 8/16/01		DRILLING METHOD: HOLLOW STEM AUGER											
		PROJECT #: 006.03924		SAMPLE METHOD: CA SPLIT SPOON											
		CLIENT: ARCO 2145		BORING DIAMETER: 10"											
		LOCATION: 860 WEST FREEMONT AVE.		BORING DEPTH: 110'											
		CITY: SUNNYVALE		WELL CASING: 4" SCH 40											
CO./STATE: SANTA CLARA COUNTY, CA		WELL SCREEN: 4" SCH 40 0.020 SLOT													
DRILLER: WOODWARD DRILLING, BK81		SAND PACK: #3 SAND													
WELL/BORING COMPLETION	1st	STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 97.5' 97.98'	TIME: 0854 -	DATE: 8/20/01 8/23/01	DESCRIPTION/LOGGED BY: A. STANFILL
				55	0				61		SP				DARK BROWN (10YR 3/3) SAND (SP); fine to medium-grained, with fine subangular gravel, trace silt, very dense, damp (20,75,5,0).
				55	0				62		SP				Grades DARK YELLOWISH BROWN (10YR 3/4) (25,70,5,0).
				70	0				63		SW				DARK YELLOWISH BROWN (10YR 3/4) GRAVELLY SAND (SW); fine sub rounded gravel, fine-grained sand, with medium to coarse-grained sand, trace silt, dense to very dense, moist (35,60,5,0).
				43	0				64		SW				Grades BROWN (10YR 4/3).
				45	0				65		SW				Grades DARK YELLOWISH BROWN (10YR 4/4).
				50/4"	0				66		SM				DARK YELLOWISH BROWN (10YR 4/4) SILTY SAND (SM); fine-grained sand, with medium- to coarse-grained sand, trace fine sub angular gravel, dense to very dense, moist (5,60,35,0).
				50/5.5"	0				67		SP				DARK YELLOWISH BROWN (10YR 4/4) SAND (SP); fine-grained sand, little medium to coarse-grained sand, fine sub angular gravel, little silt, dense to very dense, damp (10,70,15,0).
				40	0				68		SP				Grades with little fine to coarse sub rounded gravel (15,75,10,0).
				34	0				69		SP				Grades with fine to medium-grained sand, little fine sub rounded gravel.
				38	0				70		SP				DARK YELLOWISH BROWN (10YR 3/4) SILTY SAND (SM); fine-grained sand, with fine sub rounded gravel, trace medium to coarse-grained sand, very dense, damp (10,60,30,0).
				50/5"	0				71		SM				DARK YELLOWISH BROWN (10YR 3/6) SAND (SP); fine-grained sand, with silt, medium to coarse-grained sand, fine sub rounded gravel, very dense, damp (15,70,15,0).
				50/5.5"	0				72		SP				DARK YELLOWISH BROWN (10YR 3/4) GRAVELLY SAND (SP); fine-grained sand, with medium to coarse-grained sand, fine to coarse sub rounded gravel, with silt, very dense, damp (20,70,10,0).
				50/5.5"	0				73		SP				
				50/5.5"	0				74		SP				
				50/5.5"	0				75		SP				
				50/5.5"	0				76		SP				
				50/5.5"	0				77		SP				
				50/5.5"	0				78		SP				
			50/5.5"	0				79		SP					
			50/5.5"	0				80		SP					
			50/5.5"	0				81		SP					
			50/5.5"	0				82		SP					
			50/5.5"	0				83		SP					
			50/5.5"	0				84		SP					
			50/5.5"	0				85		SP					
			50/5.5"	0				86		SP					
			50/5.5"	0				87		SP					
			50/5.5"	0				88		SP					
			50/5.5"	0				89		SP					
			50/5.5"	0				90		SP					

WELL/BORING LOCATION MAP				SECOR <small>International Incorporated</small>				WELL/BORING: MW-3					
				DATE: 8/16/01				DRILLING METHOD: HOLLOW STEM AUGER					
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CO./STATE: SANTA CLARA COUNTY, CA				WELL SCREEN: 4" SCH 40 0.020 SLOT									
DRILLER: WOODWARD DRILLING, BK81				SAND PACK: #3 SAND									
WELL/BORING COMPLETION	1st FIRST	2nd STABILIZED	MOISTURE	DENSITY BLOWS/FOOT	FIELD FID TEST	SAMPLE NUMBER	RECOVERY	SAMPLE INTERVAL	DEPTH (FEET)	GRAPHIC	USGS SYMBOL	WATER LEVEL: 97.5' 97.98' TIME: 0854 DATE: 8/20/01 8/23/01 DESCRIPTION/LOGGED BY: A. STANFILL	
									91		SP	DARK YELLOWISH BROWN (10YR 3/6) SILTY SAND (SM); fine-grained sand, little medium to coarse-grained sand, with fine sub rounded gravel, dense, damp (15,65,20,0).	
									92				
									93				
									94				
									95		SW	DARK YELLOWISH BROWN (10YR 4/6) SILTY SAND (SM); medium-grained sand, little fine and coarse-grained sand, with fine sub rounded gravel, dense, moist (10,70,20,0).	
									96				
									97				
									98				
									99		SP	Grades with little fine sub rounded gravel, trace silt, wet (15,75,10,0).	
									100				
									101				
									102				
								103			DARK YELLOWISH BROWN (10YR 4/6) GRAVELLY SAND (SW); fine to coarse sub rounded gravel, fine to coarse-grained sand, trace silt, dense, wet (30,65,5,0).		
								104					
								105					
								106					
								107		SW	Bottom of bore 109 feet below ground surface.		
								108					
								109					
								110					
								111					
								112					
								113					
								114					
								115					
								116					
								117					
								118					
								119					
								120					